STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

AMENDED REPORT (highlight changes)

		APPLICAT	ION FOR	PERMIT TO	DRILL			5. MINERAL LEASE NO: ML-49959	6. SURFACE: Federal
1A. TYPE OF W	DRK: I	DRILL 🔽 🛚 F	REENTER .	DEEPEN				7. IF INDIAN, ALLOTTEE OF	R TRIBE NAME:
B. TYPE OF WE	ELL: OIL	GAS 🗸 (OTHER	SIN	GLE ZONE [MULTIPLE ZON	IE 🗾	8. UNIT or CA AGREEMENT	NAME:
2. NAME OF OP								9. WELL NAME and NUMBE	
Enduring F		LLC						Rock House 10-	
3. ADDRESS OF 475 17th S		0 CITY Denve	r ,	CO ZIF 80	220	PHONE NUMBER: (303) 350-5114		10. FIELD AND POOL, OR V	
4. LOCATION OF	WELL (FOOTAG	GES)/ 301011V	144186102¥	39.903191	-109.3			11. QTR/QTR, SECTION, TO MERIDIAN:	
AT SURFACE:	1829' FSI	38684X L 121' FWL S	ec. 31-10S-2	23E	,	, , ,			S 23E
		£\$€ 1070' ES	I 662' FEL 9	Sec 36-105-2	2F			1111011 01 10	.0 202
14. DISTANCE II	N MILES AND DIF	RECTION FROM NEAR	EST TOWN OR POS	ST OFFICE:	Pac. 10	9, 380458		12. COUNTY:	13. STATE:
32.8 Nor	th of Bonai	nza, UT						Uintah	UTAH
15. DISTANCE T	O NEAREST PRO	OPERTY OR LEASE LI	NE (FEET)	16. NUMBER O	F ACRES IN LEA	SE:	17. N	JMBER OF ACRES ASSIGNE	D TO THIS WELL:
662' (BHL	.)					640			40 acres
	O NEAREST WE	LL (DRILLING, COMPL	ETED, OR	19. PROPOSED	DEPTH:		20. BO	OND DESCRIPTION:	· ·
1000' + (E		3E (FEET)				8,350	RL	B0008031	
21. ELEVATIONS	S (SHOW WHETH	IER DF, RT, GR, ETC.):	22. APPROXIMA	ATE DATE WORK	(WILL START:	1	STIMATED DURATION:	<u></u>
5736'	RT-KB			8/1/2006			20	days	
24.			PROPOS	ED CASING A	ND CEMEN	TING PROGRAM			
SIZE OF HOLE	CASING SIZE	E, GRADE, AND WEIG	HT PER FOOT	SETTING DEPTH		CEMENT TYPE, QU	ANTITY,	YIELD, AND SLURRY WEIGH	11
20"	14"	line pipe		40	3 yards		Read	y Mix	
11"	8-5/8"	J-55	24#	2,000	Premium	Lead	18	3 sxs 3.5	50 11.1
					Premium	Tail	18	3 sxs 1.1	5 15.8
7-7/8"	4-1/2"	N-80	11.6#	8,350	Class G		14	9 sxs 3	.3 11.0
				······································	50/50 Po	z Class G	90	1 sxs 1.5	56 14.3
	l				l				· · · · · · · · · · · · · · · · · · ·
25.				ATTA	CHMENTS			<u></u>	
VERIFY THE FO	LLOWING ARE A	TTACHED IN ACCORD	DANCE WITH THE U	TAH OIL AND GAS C	ONSERVATION	GENERAL RULES:			
WELL PI	AT OR MAP PRE	EPARED BY LICENSED	SURVEYOR OR EI	NGINEER	☑ co	MPLETÉ DRILLING PLAN			
V EVIDENC	CE OF DIVISION	OF WATER RIGHTS A	PPROVAL FOR USE	OF WATER	☐ FO	RM 5, IF OPERATOR IS PE	ERSON C	OR COMPANY OTHER THAN	THE LEASE OWNER
					<u> </u>				
NAME (DI EASE	DRINT Alvin	R. (Al) Arlian			TITLI	₌ Landman - Re	gulat	ory Specialist	
SIGNATURE		M			DATE	6/12/2006			
(This space for Sta	ate use only)			77	Appro	ved by the			RECEIVE

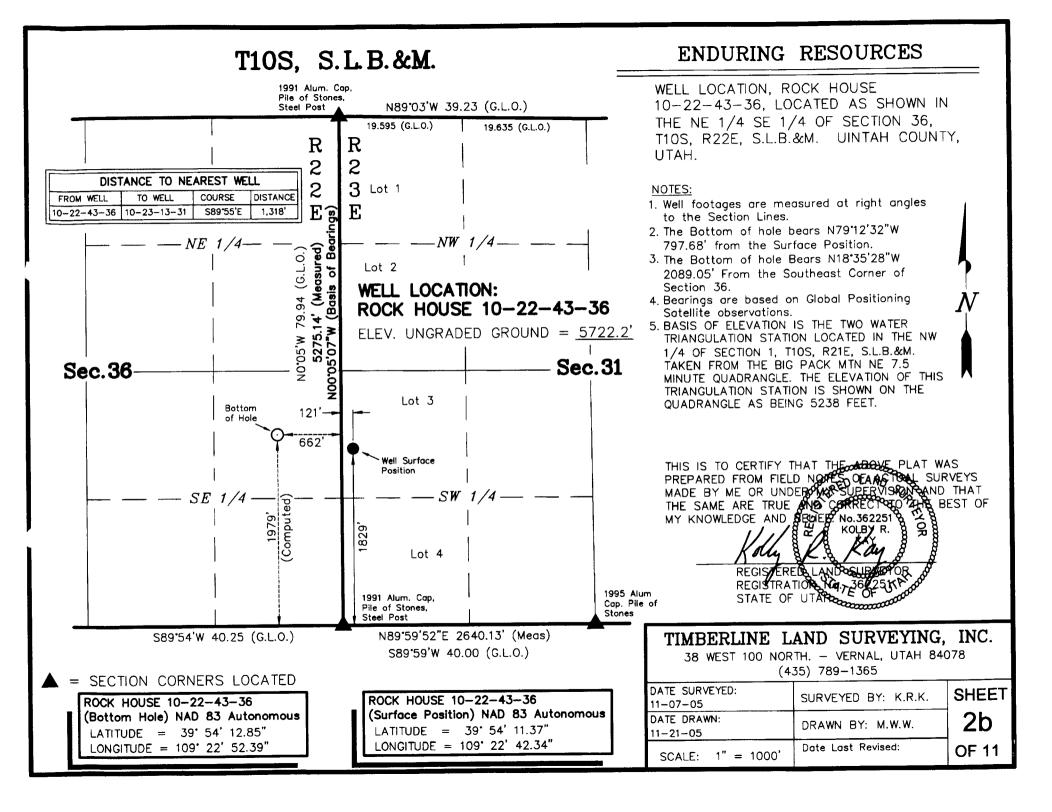
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Foderal Approval of this

Oil Gas and Mining

JUN 2 2 2006

DIV. OF OIL, GAS & MINING





475 17[™] Street Suite 1500 Denver Colorado 80202 Telephone 303 573-1222 Fax 303 573 0461

June 13, 2006

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P. O. Box 145801 Salt Lake City, Utah 84114-5801

Attn.: Ms. Diana Whitney

RE: Enduring Resources, LLC

Rock House 10-22-43-36 NESE 36-10S-22E (BHL)

NWSW 31-10S-23E (Surface Location)

State Lease: ML-49959 Uintah County, Utah

Dear Ms. Whitney:

Enclosed are two original applications to drill concerning the above-referenced proposed well. This information was also submitted to SITLA. Three original copies have also been sent to the BLM.

Enduring Resources, LLC is requesting the Utah Division of Oil, Gas and Mining to hold this application and all future information as confidential.

If any questions arise or additional information is required, please contact me at 303-350-5114.

Very truly yours,

ENDURING RESOURCES, LLC

Alvin R. (Al) Arlian

Landman-Regulatory Specialist

ara Enclosures: RECEIVED
JUN 2 2 2006

cc: SITLA w/ attachments

DIV. OF OIL, GAS & MINING

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500 Denver, Colorado 80202 Telephone: 303-573-1222

Telephone: Facsimile:

303-573-0461

June 13, 2006

State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801
Attention: Ms. Diana Whitney

RE: Exception Locations – Directional Drilled Wells

Uintah County, Utah - Federal Surface Pad, State BHL

Dear Ms. Whitney:

Enduring Resources, LLC respectfully requests a spacing exception for the following wells. Two wells will be drilled from this well pad. Surface locations will be 25', more or less apart. BHL's for each well will be in its own "assigned" 40-acre, 200' drilling window. No BHL's will be within 960' of each other. All of the wells on this pad are being drilled directional to limit surface impact.

WELL NAME& NUMBER	WELL LOCATIONS
a. Rock House 10-22-13-31	SURF 1842' FSL-142' FEL NESW Sec 31-10S-23E
BHL UTU-76281	BHL 1976' FSL- 655' FEL NESW Sec 31-10S-23E
b. Rock House 10-22-43-36	SURF 1829' FSL-121' FEL NESW Sec 31-10S-23E
BHL ML-49959	BHL 1979' FSL- 662' FWL SWNE Sec 36-10S-22E

Enduring Resources, LLC is the only lease owner within a 460' radius of any point of any of the well bores, the surface locations, and the two BHL's, to be drilled from this pad.

Therefore, Enduring Resources, LLC hereby grants itself permission to directionally drill the wells and the two exception well locations.

Very truly yours

ENDURING RESOURCES, LLC

Alvin R. (Al) Arlian

Mila

Landman - Regulatory Specialist

RECEIVED
JUN 2 2 2006

SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that Enduring Resources, LLC is considered to be the operator of the following well.

Rock House 110-22-43-36

Surface Location: NWSW Sec. 31-T10S-R23E

1829' FSL - 121' FWL

BH Location: SWNE Sec. 36-T10S-R22E

1979' FSL – 662' FEL Uintah County, Utah

Lease Serial No.: ML - 49959

Enduring Resources, LLC is responsible under the terms and conditions of the lease for the operations conducted upon leased lands. Bond coverage is provided by UTB000173.

June 20, 2006

Alvin R. (Al) Arlian

Landman - Regulatory Specialist

Enduring Resources, LLC 475 17th Street, Suite 1500

Denver, CO 80202 (303) 350-5114

Enduring Resources, LLC Rock House 10-22-43-36 NW-SW 31-10S-23E NE-SE 36-10S-22E (BHL) Uintah County, Utah State Lease: ML-49959

ONSHORE ORDER 1 - DRILLING PLAN

1. <u>Estimated Tops of Geological Markers:</u>

Formation	Depth (K.B.)
Green River	1066
Wasatch	3816
Mesaverde	5826

2. <u>Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals:</u>

Substance	Formation	Depth (K.B.)
	KB-Uinta Elevation: 8350'	
Oil / Gas	Green River	1066
Oil /Gas	Wasatch	3816
Oil /Gas	Mesaverde	5826
On / Ods	Estimated TD	8350

A 11" hole will be drilled to approximately 2000 feet. The depth will be determined by the depth that the Birds Nest zone is encountered. The hole will be drilled 400 feet beyond the top of the Birds Nest zone and surface casing will be set.

3. Pressure Control Equipment: (3000 psi schematic attached)

- A. Type: Eleven (11) inch double gate hydraulic BOP with eleven (11) inch annular preventer on 3,000 psi casinghead, with 3,000 psi choke manifold equipped per the attached diagram. BOPE as specified in *Onshore Oil & Gas Order Number 2.* A PVT, stroke counter and flow sensor will be installed to check for flow and monitor pit volume.
- B. Pressure Rating: 3,000 psi BOPE
- C. Kelly will be equipped with upper and lower Kelly valves.
- D. Testing Procedure: Annular Preventer

At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- When the annular preventer is initially installed; 1.
- Whenever any seal subject to test pressure is broken; 2.
- Following related repairs; and 3.
- At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- When the BOP is initially installed; 1.
- Whenever any seal subject to test pressure is broken; 2.
- Following related repairs; and 3.
- At thirty (30) day intervals. 4.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

E. Miscellaneous Information:

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Oil & Gas Order Number 2.

4. **Proposed Casing & Cementing Program:**

Casing Program: All New A.

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set (MD)
20"	14" O.D.				40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 - 2,016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 8350' (KB)

The surface casing will have guide shoe, 1 joint, insert float collar. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and the next16 joints with bowspring centralizers on every other collar (8 centralizers total). Thread lock auide shoe.

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

Casing Design Parameters:

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL) 2016' (KB) 8350' (KB)	14" OD 8-5/8", 24#/ft, J55, STC 4-1/2", 11.6#/ft, N-80, LTC	1370/1.52(a) 6350/1.125 (d)	2950/3.28(b) 7780/1.95 (e)	244/5.81(c) 223/2.68(f)

- based on full evacuation of pipe with 8.6 ppg fluid on annulus (a.)
- based on 8.6 ppg gradient with no fluid on annulus (b.)
- based on casing string weight in 8.6 ppg mud (c.)
- based on full evacuation of pipe with 10.0 ppg fluid on annulus (d.)
- based on 9.2 ppg gradient, gas to surface, with no fluid on annulus, (e.) no gas gradient
- based on casing string weight in 9.2 ppg mud (f.)

PROPOSED CEMENTING PROGRAM

Surface Casing (if well will circulate)-Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft³/sx)
8-5/8"	Lead	1516	Premium cement + 16% gel + 0.25 pps celloflake	138	25%	11.1	3.50
8-5/8"	Tail	500	Premium cement + 2% CaC ₂ + 0.25 pps celloflake	138	25%	15.8	1.15

A cement top job is required if cement fallback is greater than 10' below ground level. Top job (weight 15.8 ppg, yield 1.15 ft³/sx) cement will be premium cement w/ 3% CaCl₂.+0.25 pps celloflake. Volume as required

Surface Casing (if well will not circulate) - Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	sxs	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	500	Premium cement + 2% CaCl ₂ + 0.25 pps celloflake	138	25	15.8	1.15
8-5/8"	Top job	As req.	Premium cement + 3% CaCl ₂ + 0.25 pps celloflake	As Req.		15.8	1.15

Production Casing and Liner - Cemented TD to 300' above base of surface casing

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
4-1/2"	Lead	1700	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	149	25	11.0	3.3
4-1/2"	Tail	4934	50/50 POZ Class G + 2% gel +1% CaCl ₂ + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	901	25	14.3	1.56

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to 300' above base of surface casing. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

Drilling Fluids (mud) Program: 5.

Interval (MD)	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' – 2016' (KB)		No cntrl		Air/mist
2000'-3000' (KB)	8.4-8.6	No cntrl	28-36	Water
3000'-8350' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

Evaluation Program: 6.

No tests are currently planned. Tests:

No cores are currently planned. Coring:

No sampling is currently planned. Samples:

Logging

- Dual Induction SFL /Gamma Ray/Caliper/SP/TDLT/CNL/ML TD to Base Surface Casing
- Cement Bond Log / Gamma Ray: TD to Base of Surface Casing or Top of Cement if below Base of Surface Casing

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

7. **Abnormal Conditions:**

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 4,342 psi (calculated at 0.52psi/foot of hole) and maximum anticipated surface pressure equals approximately 2,505 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

Anticipated Starting Dates: 8.

- Within one year of APD issue. • Anticipated Commencement Date-
- Approximately 10 days Drilling Days-Approximately 10 days
- Completion Days • Anticipate location construction within 30 days of permit issue.

9. Variances:

None anticipated

10. Other:

A Cultural Resource Inventory and Paleontology reconnaissance shall be conducted for the well location, access route and pipeline. The reports shall be submitted to the Division of Oil, Gas and Mining and the School and Institutional Trust lands Administration upon their receipt.

Single Shot directional surveys will be dropped every 2000 feet to monitor hole angle.

Enduring Resources, LLC Rock House 10-22-43-36

NESE 36-10S-22E (Bottom Hole Location) NWSW 31-10S-23E (Surface Location) Uintah County, Utah

Federal Lease: ML-49959

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the Rock House 10-22-43-36 (and Rock House 10-23-13-31)

From the intersection of U.S. Highway 40 and 500 East Street in Vernal, Utah proceed in an easterly then southerly direction along U.S. highway 40 approximately 3.3 miles to the junction of State highway 45; exit right and proceed in a southerly direction along State Highway 45 approximately 40.5 miles to the junction of the Dreagon Road (County B Road 4180). This road is located approximately 4.8 miles south of Bonanza, Utah. Exit left and proceed in a southeasterly direction along County B Road 4180 approximately 4.0 miles to the junction of the Kings Wells road (County B Road 4190). Exit right and proceed in a southwesterly direction along County B Road 4190 approximately 8.7 miles to the junction of the Atchee Ridge Road (County B Road 4270). Continue along County B Road 4190 in a southwesterly direction approximately 4.3 miles to the junction of Long Draw Road (County B Road 4260). Continue along County B Road 4190 in a southerly, then westerly direction approximately 4.0 miles to the junction of County B Road 4160. Exit right and proceed in a northerly direction along County B Road 4160 approximately 0.5 miles to the junction of the Bitter Creek Road (County B Road 4120). Exit left and proceed in a westerly direction along County B Road 4120 approximately 1.9 miles to the junction of Coutny B Road 4230. Exit right and proceed in a northerly direction along County B Road 4230 approximately 0.9 miles to the junction of the Atchees Wash Road (Count B Road 4240). Exit right and proceed in a northerly direction along County B Road 4240 approximately 2.7 miles to a Class D County Road. Exit left and proceed in a northwesterly direction approximately 1.4 miles to the Saddletree Draw Road (County B Road 4230); exit right and proceed in a northerly direction along County B Road 4230 approximately 2.1 miles to a Class D County Road; Exit left and proceed in a southwesterly direction along the County D Road approximately 1.7 miles to a second Class D County Road. Exit right and proceed in a northerly direction along the second Class D Road approximately 1.5 miles to the proposed access for the Rock house 10-23-14-31 well. Follow road flags in a northewesterly direction approximately 2,970 feet to the proposed access road. Follow road flags in a northwesterly direction approximately 2,060 feet to the proposed location.

2. Planned Access Roads:

The proposed access road will be approximately 5,030 feet of new construction. Please refer to Topo Map "B" for the takeoff point for the new ON-LEASE road construction.

Segment	Lease	Owner	Surface	BHL	Length
1&2	UTU-76912	BLM	OFF - LEASE	OFF - LEASE	3160'
3	UTU-76281	BLM	ON - LEASE	OFF - LEASE	170'
<u> </u>	N/A	SITLA	OFF-LEASE	ON - LEASE	1660'
	UTU-76281	BLM	ON - LEASE	OFF - LEASE	40'

Access will be using a County Road Class D into section 5 then on to 5,030 feet of access road (shared access and subject well).

The proposed access road will be utilized to transport personnel, equipment and supplies to and from the proposed well site during drilling, completion and production operations. The road will be utilized year round.

The access road will be crowned 2% to 3%, ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet right-of-way. Maximum grade of road is 5% or less. Graveling or capping the roadbed will be performed as necessary to provided a well constructed, safe road. No fence crossings, culverts, turnouts, cattle guards or major cuts and fills are required. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. <u>Location of Existing Wells within a One-Mile radius (See "Topo" Map "C" attached):</u>

The following wells are wells located within a one (1) mile or greater radius of the proposed location.

a. None: Water Wells:

b. None: Injection Wells:

c. Two: Producing Wells: d. None: Drilling Wells:

d. None: Drilling Wells:e. None: Shut-in Wells:

f. None: Temporarily Abandoned Wells:

g. None: Disposal Wells:h. Two: Abandoned Wells:

i. None: Dry Holes:

j. None: Observation Wells:k. Various: Pending (staked) Wells:

Enduring has approximately 20 wells permitting in Sections 31 and 32 (many directional multi-well pad locations).

4. Location of Existing and/or Proposed Facilities:

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the rocky Mountain Five State Inter-Agency Committee

All facilities will be painted within 6 months of installation. The color shall be Dark Olive Black. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Gas Gathering Pipeline: ON-LEASE 490' BLM OFF-LEASE 490' BLM OFF-LEASE 1,560 State ON-LEASE 1560' STATE

If the well is capable of economic production, a surface gas gathering line and related equipment shall be installed. The surface gas gathering line shall be in use year round. A total of approximately less than 2,050 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

SURFACE

- ON-LEASE approximately 490 feet, and a.
- OFF-LEASE approximately 1,560 feet. b.

BHL

- OFF-LEASE approximately 490 feet, and a.
- ON-LEASE approximately 1,560 feet. b.

of 4 inch or less diameter steel, unpainted, welded gas gathering line is proposed.

The proposed pipeline will begin at the well site; and tie-in directly to a proposed surface pipeline (east) adjacent to the well pad. The meter run will be housed. The gas gathering line will be buried or anchored down from the wellhead to the meter.

Upon plugging and abandonment, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

Location and Type of Water Supply: 5.

Whenever practical, water will be obtained from Enduring Resources LLC Water Right Number 49-2215 or Water Right Number 49-2216 (*See Townships of permitted Use below). If those sources are not available, a new water source shall be submitted prior to commencing operations. (These permits have one-year terms and then must be renewed)

*Enduring Water Permits' Townships of Use:

T10S-R22E	T11S-R22E	T12S-R22E
T10S-R23E	T11S-R23E	T12S-R23E
T10S-R24E	T11S-R24E	T12S-R24E

Water will be hauled to the location over the roads marked on "Topo" Maps "A" and "B."

No water well is to be drilled on this lease.

6 Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized for location and access road construction.

Any gravel will be obtained from a commercial source; however, gravel sized rock debris associated with location and access road construction may be used as access road surfacing material.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit well be constructed on the location and will not be located within natural drainage, where a flood hazard exits or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, brake or allow discharge of liquids.

The reserve pit will be lined with ¼ felt and a minimum of 16 mm plastic with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the will be disposed of in the pit.

A chemical portable toilet will be furnished with the drilling rig. The toilet will be replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

Garbage, trash and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash well be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well.

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser facility. Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to an approved disposal site.

8. Ancillary Facilities:

During drilling operations, approximately 20 days, the site will be a manned camp. Three or four additional trailers will be on location to serve as the crews' housing and eating facilities. These will be located on the perimeter of the pad site within the topsoil stockpiles. Refer to Sheet 4.

9. Well Site Layout: (Refer to Sheets #2, #3, and #4)

The attached Location Layout Diagrams described drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpiles(s).

Please see the attached diagram for rig orientation and access roads.

The top soil will be windrowed rather than piled. It will be reseeded and track walker at the time the location is constructed. Seeding will be with the determined during the onsite. (Refer to "Seed Mixture for Windrowed Top Soil Will included:" following herein.

The top soil removed from the pit area will be store separately and will not be reseeded until the pit is reclaimed.

All pits shall be fence to the following minimum standards:

- a. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the new wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 16 feet.
- e. All wire shall be stretched by, using a stretching device, before it is attached to corner posts.
- f. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.
- g. Location size may change prior to drilling the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling, the location will be re-surveyed and a Form 9 will be submitted.

10. Plans for Surface Reclamation:

Producing Location:

- a. Immediately upon well completion of the last well to be drilled from this pad, the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.
- Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 40CFR 3162.7.
- c. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.
- d. The reserve pit and that portion of the location not needed for production (and drilling the other directional wells) facilities/operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.
- e. To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain effectively.
- f. Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

- i. Abandoned well sites, roads and other disturbed areas will be restored as nearly as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions and re-establishment of vegetation as specified.
- ii. All disturbed surfaces will be re-contoured to the approximated natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

Seed Mixture for Windrowed Top Soil Will Included:

Indian Rice Grass 4#'s/acre Crested Wheat Grass 4#'s/acre Needle and Thread 4#'s/acre

Surface Ownership: Location, Access and Pipeline Route:

Wellsite: Bureau of Land Management

Access: Bureau of Land Management & SITLA

Pipeline: Bureau of Land management & SITLA

11. Other Information

On-site Inspection for Location, Access and Pipeline Route:

The on-site was conducted February 9, 2006.

Attending were:

- Doug Hammond, Enduring Resources, LLC
- Melissa Hawk, Vernal BLM Field Office
- 3. Amy Torres, Vernal BLM Field Office
- 4. Mike Stewart, Ponderosa Construction
- 5. Colby Kay, Timberline Surveying

Special Conditions of Approval:

None for this well(s).

Archeology:

a. A Cultural Resource Inventory Report is pending and to be prepared by Montgomery Archaeological Consultants.

Paleontology:

b. A Paleontology Reconnaissance Report is pending and to be prepared by Intermountain Paleo-Consulting.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

Lessee's or Operator's Representatives: 13,

Representatives:

Alvin R. (Al) Arlian Landman – Regulatory Specialist Enduring Resources, LLC 475 17th Street, Suite 1500 Denver, Colorado 80202 Office Tel: 303-350-5114 303-573-0461 Fax Tel:

aarlian@enduringresources.com

Teme Singleton Vice President - Operations Enduring Resources, LLC 475 17th Street, Suite 1500 Denver, Colorado 80202 Office Tel: 303-350-5711 303-573-0461 Fax Tel:

tsingleton@enduringresources.com

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his/her/its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/here/its contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route, that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be preformed by Enduring Resources, LLC and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Please be advised that Enduring Resources, LLC is considered to be the operator of the Rock House 10-22-43-36 Well; SW/4NE/4 (BHL) Section 36, Township 10 South, Range 22 East; Lease #: ML-49959 Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by BLM Statewide Oil & Gas Lease Bond No. UTB000173 and State of Utah , Division of Oil, Gas & Mining Surety Bond No. RLB0008031

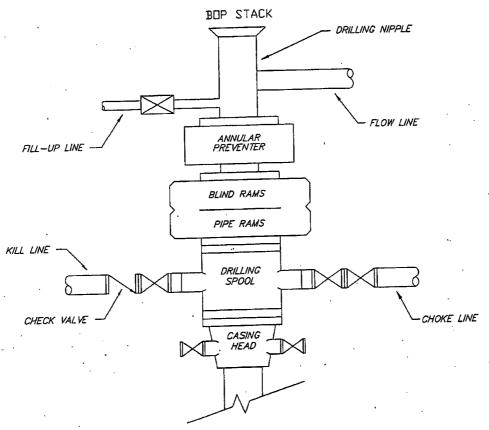
ENDURING RESOURCES, LLC

June 13, 2006	

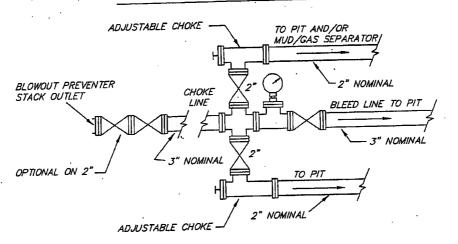
Alvin R. (Al) Arlian, Landman – Regulatory Specialist

ENDURING RESOURCES, LLC

TYPICAL 3,000 p.s.i.
BLOWOUT PREVENTER SCHEMATIC



TYPICAL 3,000 p.s.i. CHOKE MANIFOLD SCHEMATIC





True Vertical Depth [1500ft/in]

ENDURING RESOURCES Rock House 10-22-43-36 NW/SW Sec. 31, T10S, R23E **Uintah County, Utah**



					SECTION I	DETAILS				
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	280.79	0.00	0.00	0.00	0.00	0.00	0.00	
2	2072.00	0.00	280.79	2072.00	0.00	0.00	0.00	0.00	0.00	KOP
3	2611.31	16.18	280.79	2604.17	14.16	-74.30	3.00	280.79	75.64	End Build
4	4795.39	16.18	280.79	4701.75	128.09	-672.12	0.00	0.00	684.22	Start Drop
5	5604.35	0.00	280.79	5500.00	149.33	-783.58	2.00	180.00	797.68	End Drop
6	8454.35	0.00	280.79	8350.00	149.33	-783.58	0.00	280.79	797.68	TD '

FIELD DETAILS

Uintah, Utah Utah Central Zone U.S.A.

Geodetic System: US State Plane Coordinate System 1983 Ellipsoid: GRS 1980 Zone: Utah, Central Zone Magnetic Model: igrf2005

0.00° INC

3000

-1500

Created By: Scott Wallace 6/7/06

-1000

-500

West(-)/East(+) [500ft/in]

1500

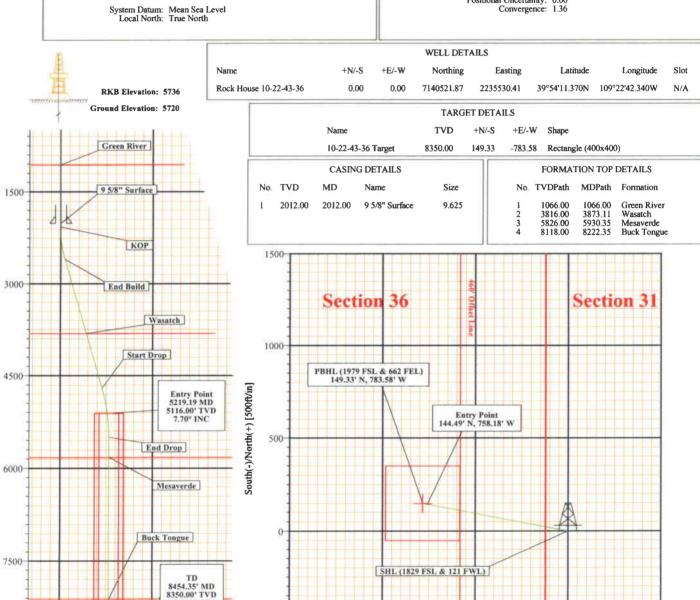
Vertical Section at 280.79° [1500ft/in]

SITE DETAILS

NW/SW 31-10S-23E Pad Sec. 31, T10S, R23E, Uintah County, Utah 1829 FSL & 121 FWL

Site Centre Latitude: 39°54'11.370N Longitude: 109°22'42.340W

Ground Level: 5720.00
Positional Uncertainty: 0.00
Convergence: 1.36



Weatherford International Planning Report

Company: Enduring Resources

Date: .87/2006

Time: .13:28:08

Page: 1

Co-ordinate(NY) Reference: Well: Rock House 10-22-43-36, True North

Stre: NW/SW 31-10S-23E Pad

Well: Rock House 10-22-43-36

Well: Rock House 10-22-43-36

Wellpath: 1

Plan: Plan: | Plan #1

Field: Uintah, Utah Utah Central Zone

U.S.A.

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980 Sys Datum: Mean Sea Level Map Zone: Utah, Central Zone Coordinate System: Well Centre

Coordinate System: Well Cent Geomagnetic Model: igrf2005

NW/SW 31-10S-23E Pad

Sec. 31, T10S, R23E, Uintah County, Utah

1829 FSL & 121 FWL

Site Position:

From: Geographic

Position Uncertainty:

Ground Level:

N

E

0.00 ft

5720.00 ft

Northing: 7140521.87 ft Easting: 2235530.41 ft

Latitude: Longitude: North Reference: Grid Convergence: 39 54 11.370 N 109 22 42.340 W

True 1.36 deg

Rock House 10-22-43-36 Slot Name:

7140521.87 ft 39 54 11.370 N +N/-S 0.00 ft Northing: Latitude: Well Position: 109 22 42.340 W 2235530.41 ft Longitude: +E/-W 0.00 ft Easting: **Position Uncertainty:** 0.00 ft

Drilled From: Surface Wellpath: 0.00 ft Tie-on Depth: Mean Sea Level SITE Height 5736.00 ft **Above System Datum: Current Datum:** 6/7/2006 Declination: 11.65 deg Magnetic Data: 65.94 deg Mag Dip Angle: 52850 nT Field Strength: Depth From (TVD) +N/-S +E/-W Direction **Vertical Section:** ft ft deg 0.00 0.00 280.79 8350.00

 Plan:
 Plan #1
 Date Composed:
 6/7/2006

 Version:
 1

 Principal:
 Yes
 Tied-to:
 From Surface

Plan Section Information

	MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100fl	Turn deg/100f	TFO deg	Target
li	0.00	0.00	280.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
П	2072.00	0.00	280.79	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	
П	2611.31	16.18	280.79	2604.17	14.16	-74.30	3.00	3.00	0.00	280.79	
П	4795.39	16.18	280.79	4701.75	128.09	-672.12	0.00	0.00	0.00	0.00	
Н	5604.35	0.00	280.79	5500.00	149.33	-783.58	2.00	-2.00	0.00	180.00	
	8454.35	0.00	280.79	8350.00	149.33	-783.58	0.00	0.00	0.00	280.79	10-22-43-36 Target

Section 1: Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	
0.00	0.00	280.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2000.00	0.00	280.79	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	280.79	
2012.00	0.00	280.79	2012.00	0.00	0.00	0.00	0.00	0.00	0.00	280.79	
2072.00	0.00	280.79	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	280.79	

Section 2: Start Build 3.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	
2100.00	0.84	280.79	2100.00	0.04	-0.20	0.21	3.00	3.00	0.00	0.00	
2200.00	3.84	280.79	2199.90	0.80	-4.21	4.29	3.00	3.00	0.00	0.00	
2300.00	6.84	280.79	2299.46	2.54	-13.35	13.59	3.00	3.00	0.00	0.00	
2400.00	9.84	280.79	2398.39	5.26	-27.60	28.10	3.00	3.00	0.00	0.00	
2500.00	12.84	280.79	2496.43	8.94	-46.91	47.76	3.00	3.00	0.00	0.00	
2600.00	15.84	280.79	2593.30	13.58	-71.24	72.52	3.00	3.00	0.00	0.00	
2611.31	16.18	280.79	2604.17	14.16	-74.30	75.64	3.00	3.00	0.00	0.00	

Weatherford International Planning Report

ompany: ield: ite: Vell: Vellpath:	Uintah, Utal NW/SW 31 Rock House				Co Fyi Se	ertical (TVD) etion (VS) R	E) Reference:) Reference:	SITE 57	ick House 1		Page: 2 True North
Section	3 : Start Hole	d									
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	ys ft	DLS deg/100ft	Build deg/100fl	Turn deg/100ft	TFO deg	
2700.00	16.18	280.79	2689.35	18.79	-98.58	100.35	0.00	0.00	0.00	0.00	
2800.00	16.18	280.79	2785.39	24.00	-125.95	128.22	0.00	0.00	0.00	0.00	
2900.00	16.18	280.79	2881.43	29.22	-153.32	156.08	0.00	0.00	0.00	0.00	
3000.00	16.18	280.79	2977.47	34.44	-180.69	183.95	0.00	0.00	0.00	0.00 0.00	
3100.00	16.18	280.79	3073.51	39.65	-208.07 -235.44	211.81 239.68	0.00 0.00	0.00 0.00	0.00 0.00	0.00	
3200.00	16.18	280.79	3169.55	44.87 50.09	-235.44 -262.81	239.66 267.54	0.00	0.00	0.00	0.00	
3300.00	16.18	280.79 280.79	3265.59 3361.62	55.30	-202.01 -290.18	207.54 295.40	0.00	0.00	0.00	0.00	
3400.00	16.18	280.79	3457.66	60.52	-290.16 -317.55	323.27	0.00	0.00	0.00	0.00	
3500.00 3600.00	16.18 16.18	280.79	3553.70	65.74	-344.92	351.13	0.00	0.00	0.00	0.00	
3700.00	16.18	280.79	3649.74	70.95	-372.30	379.00	0.00	0.00	0.00	0.00	
3800.00	16.18	280.79	3745.78	76.17	-399.67	406.86	0.00	0.00	0.00	0.00	
3873.11	16.18	280.79	3816.00	79.98	-419.68	427.23	0.00	0.00	0.00	0.00	
3900.00	16.18	280.79	3841.82	81.38	-427.04	434.73	0.00	0.00	0.00	0.00	
4000.00	16.18	280.79	3937.86	86.60	-454.41	462.59	0.00	0.00	0.00	0.00	
4100.00	16.18	280.79	4033.90	91.82	-481.78	490.45	0.00	0.00	0.00	0.00	
4200.00	16.18	280.79	4129.94	97.03	-509.15	518.32	0.00	0.00	0.00	0.00	
4300.00	16.18	280.79	4225.98	102.25	-536.53	546.18	0.00	0.00	0.00	0.00	
4400.00	16.18	280.79	4322.02	107.47	-563.90	574.05	0.00	0.00	0.00	0.00	
4500.00	16.18	280.79	4418.06	112.68	-591.27	601.91	0.00	0.00	0.00	0.00	
4600.00	16.18	280.79	4514.10	117.90	-618.64	629.78	0.00	0.00	0.00	0.00	
4700.00 4795.39	16.18 16.18	280.79 280.79	4610.14 4701.75	123.12 128.09	-646.01 -672.12	657.64 684.22	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	
Section MD	4 : Start Dro	p -2.00 Azim	TVD	+N/-S	+E/-W	+* VS	DLS	Build	Turn	TFO	
MD ft 4800.00	ACCORDING TO A STREET	9 o 5 - 3%(1)	TVD ft 4706.18	+ N/-S ft 128.33	ft -673.38	्र ft 685.50	deg/100ft 2.00	deg/100fl -2.00	0.00	deg 180.00	
MD ft 4800.00 4900.00	Incl deg 16.09 14.09	Azim deg 280.79 280.79	ft 4706.18 4802.73	ft 128.33 133.21	-673.38 -698.95	685.50 711.53	2.00 2.00	-2.00 -2.00	0.00 0.00	deg 180.00 180.00	
MD ft 4800.00 4900.00 5000.00	16.09 14.09 12.09	Azim deg 280.79 280.79 280.79	ft 4706.18 4802.73 4900.12	128.33 133.21 137.44	-673.38 -698.95 -721.19	685.50 711.53 734.17	2.00 2.00 2.00 2.00	-2.00 -2.00 -2.00 -2.00	0.00 0.00 0.00 0.00	180.00 180.00 180.00	
MD ft 4800.00 4900.00 5000.00 5100.00	16.09 14.09 12.09 10.09	Azim deg 280.79 280.79 280.79 280.79 280.79	ft. 4706.18 4802.73 4900.12 4998.25	128.33 133.21 137.44 141.04	-673.38 -698.95 -721.19 -740.08	685.50 711.53 734.17 753.40	2.00 2.00 2.00 2.00 2.00 2.00	-2.00 -2.00 -2.00 -2.00 -2.00	0.00 0.00 0.00 0.00 0.00	180.00 180.00 180.00 180.00	
MD ft 4800.00 4900.00 5000.00 5100.00 5200.00	1ncl deg 16.09 14.09 12.09 10.09 8.09	Azim deg 280.79 280.79 280.79 280.79 280.79	4706.18 4802.73 4900.12 4998.25 5096.99	128.33 133.21 137.44 141.04 144.00	-673.38 -698.95 -721.19 -740.08 -755.59	685.50 711.53 734.17 753.40 769.19	2.00 2.00 2.00 2.00 2.00 2.00 2.00	-2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00	0.00 0.00 0.00 0.00 0.00 0.00	180.00 180.00 180.00 180.00 180.00	
MD ft 4800.00 4900.00 5000.00 5100.00 5200.00 5219.19	16.09 14.09 12.09 10.09 8.09 7.70	Azim deg 280.79 280.79 280.79 280.79 280.79 280.79	ft 4706.18 4802.73 4900.12 4998.25 5096.99 5116.00	128.33 133.21 137.44 141.04 144.00 144.49	-673.38 -698.95 -721.19 -740.08 -755.59 -758.18	685.50 711.53 734.17 753.40 769.19 771.83	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	-2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	180.00 180.00 180.00 180.00 180.00 180.00	
4800.00 4900.00 5000.00 5100.00 5200.00 5219.19 5300.00	16.09 14.09 12.09 10.09 8.09 7.70 6.09	Azim deg 280.79 280.79 280.79 280.79 280.79 280.79 280.79	ft 4706.18 4802.73 4900.12 4998.25 5096.99 5116.00 5196.22	128.33 133.21 137.44 141.04 144.00 144.49 146.31	-673.38 -698.95 -721.19 -740.08 -755.59 -758.18 -767.71	685.50 711.53 734.17 753.40 769.19 771.83 781.53	deg/100ft 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.0	-2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	180.00 180.00 180.00 180.00 180.00 180.00 -180.00	
MD ft 4800.00 4900.00 5000.00 5100.00 5200.00 5219.19 5300.00 5400.00	16.09 14.09 12.09 10.09 8.09 7.70 6.09 4.09	Azim deg 280.79 280.79 280.79 280.79 280.79 280.79 280.79 280.79 280.79	ft 4706.18 4802.73 4900.12 4998.25 5096.99 5116.00 5196.22 5295.83	128.33 133.21 137.44 141.04 144.00 144.49 146.31 147.97	-673.38 -698.95 -721.19 -740.08 -755.59 -758.18 -767.71 -776.42	685.50 711.53 734.17 753.40 769.19 771.83 781.53 790.39	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	-2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	180.00 180.00 180.00 180.00 180.00 180.00 180.00 -180.00 180.00	
MD ft 4800.00 4900.00 5000.00 5100.00 5200.00 5219.19 5300.00 5400.00 5500.00	16.09 14.09 12.09 10.09 8.09 7.70 6.09 4.09 2.09	Azim deg 280.79 280.79 280.79 280.79 280.79 280.79 280.79 280.79 280.79 280.79	ft 4706.18 4802.73 4900.12 4998.25 5096.99 5116.00 5196.22 5295.83 5395.67	128.33 133.21 137.44 141.04 144.00 144.49 146.31 147.97 148.98	-673.38 -698.95 -721.19 -740.08 -755.59 -758.18 -767.71 -776.42 -781.71	685.50 711.53 734.17 753.40 769.19 771.83 781.53 790.39 795.78	deg/100ft 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.0	-2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	180.00 180.00 180.00 180.00 180.00 180.00 -180.00 180.00 180.00	
MD ft 4800.00 4900.00 5000.00 5100.00 5219.19 5300.00 5400.00 5500.00 5600.00	16.09 14.09 12.09 10.09 8.09 7.70 6.09 4.09	Azim deg 280.79 280.79 280.79 280.79 280.79 280.79 280.79 280.79 280.79	ft 4706.18 4802.73 4900.12 4998.25 5096.99 5116.00 5196.22 5295.83	128.33 133.21 137.44 141.04 144.00 144.49 146.31 147.97	-673.38 -698.95 -721.19 -740.08 -755.59 -758.18 -767.71 -776.42	685.50 711.53 734.17 753.40 769.19 771.83 781.53 790.39	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	-2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	180.00 180.00 180.00 180.00 180.00 180.00 180.00 -180.00 180.00	
MD ft 4800.00 4900.00 5000.00 5200.00 5219.19 5300.00 5400.00 5500.00 5600.00	Incl deg 16.09 14.09 12.09 10.09 8.09 7.70 6.09 4.09 2.09 0.09	Azim deg 280.79 280.79 280.79 280.79 280.79 280.79 280.79 280.79 280.79 280.79	ft 4706.18 4802.73 4900.12 4998.25 5096.99 5116.00 5196.22 5295.83 5395.67 5495.65	128.33 133.21 137.44 141.04 144.00 144.49 146.31 147.97 148.98 149.33	- 673.38 -698.95 -721.19 -740.08 -755.59 -758.18 -767.71 -776.42 -781.71 -783.57	685.50 711.53 734.17 753.40 769.19 771.83 781.53 790.39 795.78 797.68	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	-2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	180.00 180.00 180.00 180.00 180.00 180.00 -180.00 180.00 180.00 180.00	
MD ft 4800.00	Incl deg 16.09 14.09 12.09 10.09 8.09 7.70 6.09 4.09 2.09 0.09	Azim deg 280.79 280.79 280.79 280.79 280.79 280.79 280.79 280.79 280.79 280.79	ft 4706.18 4802.73 4900.12 4998.25 5096.99 5116.00 5196.22 5295.83 5395.67 5495.65	128.33 133.21 137.44 141.04 144.00 144.49 146.31 147.97 148.98 149.33	- 673.38 -698.95 -721.19 -740.08 -755.59 -758.18 -767.71 -776.42 -781.71 -783.57	685.50 711.53 734.17 753.40 769.19 771.83 781.53 790.39 795.78 797.68	deg/100ft 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.	-2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	180.00 180.00 180.00 180.00 180.00 180.00 -180.00 180.00 180.00 180.00	
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MD ft 4800.00 4900.00 5000.00 5219.19 5300.00 5500.00 5600.00 5600.00 5600.00 5800.00 5800.00 6000.00 6200.00 6300.00 6400.00 6500.00 6600.00 6700.00 6700.00	Incl deg 16.09 14.09 12.09 10.09 8.09 7.70 6.09 4.09 2.09 0.00 5: Start Hold deg 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Azim deg 280.79	ft 4706.18 4802.73 4900.12 4998.25 5096.99 5116.00 5196.22 5295.83 5395.67 5495.65 5500.00 TVD ft 5595.65 5695.65 5795.65 5826.00 5895.65 6095.65 6195.65 6295.65 6395.65 6395.65 6495.65 6595.65	128.33 133.21 137.44 141.04 144.00 144.49 146.31 147.97 148.98 149.33 149.33 149.33 149.33 149.33 149.33 149.33 149.33 149.33 149.33 149.33 149.33 149.33 149.33 149.33 149.33 149.33 149.33		685.50 711.53 734.17 753.40 769.19 771.83 781.53 790.39 795.78 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68	### deg/100ft 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.	-2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	180.00 18	
MD ft 4800.00 4900.00 5000.00 5219.19 5300.00 55400.00 5500.00 5600.00 5600.00 ft 5900.00 6300.00 6400.00 6400.00 66500.00 66500.00 66700.00 6800.00	Incl deg 16.09 14.09 12.09 10.09 8.09 7.70 6.09 4.09 2.09 0.00 5: Start Hold deg 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Azim deg 280.79	14706.18 4802.73 4900.12 4998.25 5096.99 5116.00 5196.22 5295.83 5395.67 5495.65 5500.00 TVD ft 5595.65 5895.65 5895.65 5895.65 6195.65 6195.65 6295.65 6395.65 6495.65 6495.65 6595.65 6695.65 6695.65	128.33 133.21 137.44 141.04 144.00 144.49 146.31 147.97 148.98 149.33		685.50 711.53 734.17 753.40 769.19 771.83 781.53 790.39 795.78 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	-2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	180.00 18	
MD ft 4800.00 4900.00 5000.00 5219.19 5300.00 55400.00 5500.00 5600.00 5600.00 5600.00 5600.00 6000.00 6100.00 6200.00 6400.00 6500.00 6600.00	Incl deg 16.09 14.09 12.09 10.09 8.09 7.70 6.09 4.09 2.09 0.00 5: Start Hold deg 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Azim deg 280.79	14706.18 4802.73 4900.12 4998.25 5096.99 5116.00 5196.22 5295.83 5395.67 5495.65 5500.00 17VD ft 5595.65 5895.65 5895.65 6195.65 6195.65 6295.65 6395.65 6495.65 6495.65 6595.65 6695.65 6795.65	128.33 133.21 137.44 141.04 144.00 144.49 146.31 147.97 148.98 149.33		797.68 797.68	DLS deg/100ft 0.00 0.00 0.00 0.00 0.00 0.00 0.00	-2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	180.00 18	
MD ft 4800.00 5000.00 5100.00 5200.00 55400.00 55400.00 5604.35 6ection MD ft 5700.00 6500.00 66000.00 66000.00 6600.00 6000.0	Incl deg 16.09 14.09 12.09 10.09 8.09 7.70 6.09 4.09 2.09 0.00 5: Start Hol deg 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Azim deg 280.79	ft 4706.18 4802.73 4900.12 4998.25 5096.99 5116.00 5196.22 5295.83 5395.67 5495.65 5500.00 TVD ft 5595.65 5895.65 5895.65 6995.65 6195.65 6395.65 6495.65 6595.65 6695.65 6695.65 6695.65 6695.65 6695.65 6695.65	128.33 133.21 137.44 141.04 144.00 144.49 146.31 147.97 148.98 149.33		685.50 711.53 734.17 753.40 769.19 771.83 781.53 790.39 795.78 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	-2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	180.00 18	
MD ft 4800.00 4900.00 5000.00 5219.19 5300.00 5400.00 5600.00 5600.00 5600.00 5700.00 5930.35 6000.00 6400.00 6500.00 6600.00 6700.00 6700.00 7100.00 7100.00	Incl deg 16.09 14.09 12.09 10.09 8.09 7.70 6.09 4.09 2.09 0.00 5: Start Hol Incl deg 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Azim deg 280.79	14706.18 4802.73 4900.12 4998.25 5096.99 5116.00 5196.22 5295.83 5395.67 5495.65 5500.00 17VD ft 5595.65 5895.65 5895.65 6195.65 6195.65 6295.65 6395.65 6495.65 6495.65 6595.65 6695.65 6795.65	128.33 133.21 137.44 141.04 144.00 144.49 146.31 147.97 148.98 149.33	-783.58 -783.58	# 685.50 711.53 734.17 753.40 769.19 771.83 781.53 790.39 795.78 797.68	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	-2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -0.00 0.00	Company Comp	180.00 18	
MD ft 4800.00 4900.00 5000.00 5219.19 5300.00 55400.00 5500.00 5600.00 5600.00 5600.00 5600.00 6000.00 6100.00 6200.00 6400.00 6500.00 6600.00	Incl deg 16.09 14.09 12.09 10.09 8.09 7.70 6.09 4.09 2.09 0.00 5: Start Hol deg 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Azim deg 280.79	### 4706.18 ### 4802.73 ### 4900.12 ### 4998.25 ### 5096.99 ### 5116.00 ### 5196.22 ### 5295.83 ### 5395.67 ### 5595.65 ### 5595.65 ### 5595.65 ### 5595.65 ### 6195.65 ### 6295.65 ### 6395.65	128.33 133.21 137.44 141.04 144.00 144.49 146.31 147.97 148.98 149.33	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68 797.68	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	-2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -2.00 -0.00	Control Cont	180.00 18	

Weatherford International **Planning Report**

					1 14111111	ig Kepo	1 t			
Company: Seld: Site: Well: Wellpath:	Uintah, Uta NW/SW 31		Pad		Di C Y Se		E) Reference Reference:	SITE 573	ck House 1	Page: 3 0-22-43-36, True North (80.79Azi)
Section	5 : Start Ho	ld			A	27				
MD	Incl	Azim	TVD	+N/-S	+E/-W	vs	DLS	Build	Turn	TRO
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg
7600.00	0.00	280.79	7495.65	149.33	-783.58	797.68	0.00	0.00	0.00	280.79
7700.00	0.00	280.79	7595.65	149.33	-783.58	797.68	0.00	0.00	0.00	280.79
7800.00	0.00	280.79	7695.65	149.33	-783.58	797.68	0.00	0.00	0.00	280.79
7900.00	0.00	280.79	7795.65	149.33	-783.58	797.68	0.00	0.00	0.00	280.79
8000.00	0.00 0.00	280.79 280.79	7895.65 7995.65	149.33 149.33	-783.58 -783.58	797.68	0.00	0.00	0.00	280.79
8200.00	0.00	280.79	8095.65	149.33	-783.58	797.68 797.68	0.00 0.00	0.00	0.00 0.00	280.79 280.79
8222.35	0.00	280.79	8118.00	149.33	-783.58	797.68	0.00	0.00	0.00	280.79
8300.00	0.00	280.79	8195.65	149.33	-783.58	797.68	0.00	0.00	0.00	280.79
8400.00	0.00	280.79	8295.65	149.33	-783.58	797.68	0.00	0.00	0.00	280.79
8454.35	0.00	280.79	8350.00	149.33	-783.58	797.68	0.00	0.00	0.00	280.79
Survey										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	→E/-W ft	VS ft	DLS deg/100ft	Build dea/100ff	Turn deg/100ft	Tool/Comment
2000.00	0.00	280.79	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
2012.00	0.00	280.79	2012.00	0.00	0.00	0.00	0.00	0.00	0.00	9 5/8" Surface
2072.00	0.00	280.79	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
2100.00	0.84	280.79	2100.00	0.04	-0.20	0.21	3.00	3.00	0.00	MWD
2200.00	3.84	280.79	2199.90	0.80	-4.21	4.29	3.00	3.00	0.00	MWD
2300.00	6.84	280.79	2299.46	2.54	-13.35	13.59	3.00	3.00	0.00	MWD
2400.00	9.84	280.79	2398.39	5.26	-27.60	28.10	3.00	3.00	0.00	MWD
2500.00	12.84	280.79	2496.43	8.94	-46.91	47.76	3.00	3.00	0.00	MWD
2600.00 2611.31	15.84 16.18	280.79 280.79	2593.30 2604.17	13.58 14.16	-71.24 -74.30	72.52 75.64	3.00 3.00	3.00 3.00	0.00 0.00	MWD End Build
2700.00	46 40	200.70								
2700.00 2800.00	16.18 16.18	280.79 280.79	2689.35 2785.39	18.79 24.00	-98.58 -125.95	100.35 128.22	0.00 0.00	0.00 0.00	0.00 0.00	MWD MWD
2900.00	16.18	280.79	2881.43	29.22	-153.32	156.08	0.00	0.00	0.00	MWD
3000.00	16.18	280.79	2977.47	34.44	-180.69	183.95	0.00	0.00	0.00	MWD
3100.00	16.18	280.79	3073.51	39.65	-208.07	211.81	0.00	0.00	0.00	MWD
3200.00	16.18	280.79	3169.55	44.87	-235.44	239.68	0.00	0.00	0.00	MWD
3300.00	16.18	280.79	3265.59	50.09	-262.81	267.54	0.00	0.00	0.00	MWD
3400.00	16.18	280.79	3361.62	55.30	-290.18	295.40	0.00	0.00	0.00	MWD
3500.00	16.18	280.79	3457.66	60.52	-317.55	323.27	0.00	0.00	0.00	MWD
3600.00	16.18	280.79	3553.70	65.74	-344.92	351.13	0.00	0.00	0.00	MWD
3700.00	16.18	280.79	3649.74	70.95	-372.30	379.00	0.00	0.00	0.00	MWD
3800.00	16.18	280.79	3745.78	76.17	-399.67	406.86	0.00	0.00	0.00	MWD
3873.11 3900.00	16.18 16.18	280.79 280.79	3816.00 3841.82	79.98 81.38	-419.68 437.04	427.23	0.00	0.00	0.00	Wasatch
4000.00	16.18	280.79 280.79	3841.82 3937.86	81.38 86.60	-427.04 -454.41	434.73 462.59	0.00 0.00	0.00 0.00	0.00 0.00	MWD MWD
4100.00	16.18	280.79	4033.90	91.82	-481.78	490.45	0.00			
4200.00	16.18	280.79	4129.94	97.03	-401.70 -509.15	518.32	0.00	0.00 0.00	0.00 0.00	MWD MWD
4300.00	16.18	280.79	4225.98	102.25	-536.53	546.18	0.00	0.00	0.00	MWD
4400.00	16.18	280.79	4322.02	107.47	-563.90	574.05	0.00	0.00	0.00	MWD
4500.00	16.18	280.79	4418.06	112.68	-591.27	601.91	0.00	0.00	0.00	MWD
4600.00	16.18	280.79	4514.10	117.90	-618.64	629.78	0.00	0.00	0.00	MWD
4700.00	16.18	280.79	4610.14	123.12	-646.01	657.64	0.00	0.00	0.00	MWD
4795.39	16.18	280.79	4701.75	128.09	-672.12	684.22	0.00	0.00	0.00	Start Drop
4800.00 4900.00	16.09 14.09	280.79 280.79	4706.18 4802.73	128.33 133.21	-673.38 -698.95	685.50 711.53	2.00 2.00	-2.00 -2.00	0.00 0.00	MWD MWD
5000.00 5100.00	12.09 10.09	280.79 280.79	4900.12 4998.25	137.44 141.04	-721.19 -740.08	734.17 753.40	2.00	-2.00	0.00	MWD
J 100.00		280.79					2.00	-2.00	0.00	MWD
	8.09	20079	DUMN MM	[44]	-/ <u>22 24</u>	/nu lu	/ (11)	-7 DE		MANNI)
5200.00 5219.19	8.09 7.70	280.79	5096.99 5116.00	144.00 144.49	-755.59 -758.18	769.19 771.83	2.00 2.00	-2.00 -2.00	0.00 0.00	MWD Entry Point

Weatherford International Planning Report

Enduring Resources Uintah, Utah NW/SW 31-10S-23E Pad Company: Field: Site: Well: Rock House 10-22-43-36 Wellpath:

Date: 6/7/2008 Time: 13:28:08 Page: 4
Co-ordinate(NE) Reference: Well: Rock House 10-22-43-36, True North
Vertical (TVD) Reference: SITE 5736,0
Section (VS) Reference: Well (0.00N,0.00E,280,78AZ)
Plan: Plan #1

C				
	ш	г	ve	v

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS	Build	Turn deg/100ft	Too/Comment
				24.88004.04 . A . A	Contract to the contract of th		<u> </u>			Marina de la Marina de Mar
5400.00	4.09	280.79	5295.83	147.97	-776.42	790.39	2.00	-2.00	0.00	MWD
5500.00	2.09	280.79	5395.67	148.98	-781.71	795.78	2.00	-2.00	0.00	MWD
5600.00	0.09	280.79	5495.65	149.33	-783.57	797.68	2.00	-2.00	0.00	MWD
5604.35	0.00	280.79	5500.00	149.33	-783.58	797.68	2.00	-2.00	0.00	End Drop
5700.00	0.00	280.79	5595.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
5800.00	0.00	280.79	5695.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
5900.00	0.00	280.79	5795.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
5930.35	0.00	280.79	5826.00	149.33	-783.58	797.68	0.00	0.00	0.00	Mesaverde
00.000	0.00	280.79	5895.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
6100.00	0.00	280.79	5995.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
6200.00	0.00	280.79	6095.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
6300.00	0.00	280.79	6195.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
6400.00	0.00	280.79	6295.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
6500.00	0.00	280.79	6395.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
6600.00	0.00	280.79	6495.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
6700.00	0.00	280.79	6595.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
00.008	0.00	280.79	6695.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
6900.00	0.00	280.79	6795.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
7000.00	0.00	280.79	6895.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
7100.00	0.00	280.79	6995.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
7200.00	0.00	280.79	7095.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
7300.00	0.00	280.79	7195.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
7400.00	0.00	280.79	7295.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
7500.00	0.00	280.79	7395.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
7600.00	0.00	280.79	7495.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
7700.00	0.00	280.79	7595.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
7800.00	0.00	280.79	7695.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
7900.00	0.00	280.79	7795.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
3000.00	0.00	280.79	7895.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
3100.00	0.00	280.79	7995.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
3200.00	0.00	280.79	8095.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
3222.35	0.00	280.79	8118.00	149.33	-783.58	797.68	0.00	0.00	0.00	Buck Tongue
3300.00	0.00	280.79	8195.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
3400.00	0.00	280.79	8295.65	149.33	-783.58	797.68	0.00	0.00	0.00	MWD
3454.35	0.00	280.79	8350.00	149.33	-783.58	797.68	0.00	0.00	0.00	10-22-43-36 Target

Т	8	π	•	ts
	a	ĸ	C	13

Name	Description Dip, Dir.	TYD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<— Deg		tude> Sec			gitude> Sec
10-22-43-36 Targ -Rectangle (40 -Plan hit target	0x400)	8350.00	149.33	-783.58	7140652.58	2234743.51	39	54	12.846 N	109	22	52.396 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size In	Name	
2012.00	2012.00	9.625	12.250	9 5/8" Surface	

Weatherford International Planning Report

10 march 32 32			Spirit Section 1
Company:	: Enduring Resources Date: 6/7/200	6 Time: 13:28:08 Page:	5
Field:	Uintah, Utah Co-ordinate(NE	6 Time: , 13 28:08 Page:) Reference: Well: Rock House 10-22-43-36; True North	200
Site:	NW/SW 31-10S-23E Pad Vertical (TVD) I		
Well:	Rock House 10-22-43-36 Section (VS) Ref		
Wellpath:	1 Plan:	Plan #1	

E.		:		
HO	rm	an	on	5

MD ft	TVD ft	Formations Lithol	logy Dip Angle I deg	Dip Direction deg
1066.00	1066.00	Green River	0.00	0.00
3873.11	3816.00	Wasatch	0.00	0.00
5930.35	5826.00	Mesaverde	0.00	0.00
8222.35	8118.00	Buck Tongue	0.00	0.00

ı	Annotation		
	MD ft	TVD ft	
П			SHL (1829 FSL & 121 FWL)
П	2072.00	2072.00	KOP`
П	2611.31	2604.17	End Build
П	4795.39	4701.75	Start Drop
H	5219.19	5116.00	Entry Point
Ĺ	5604.35	5500.00	End Drop
П	8454.35	8350.00	TD
П	8454.35	8350.00	PBHL (1979 FSL & 662 FEL)

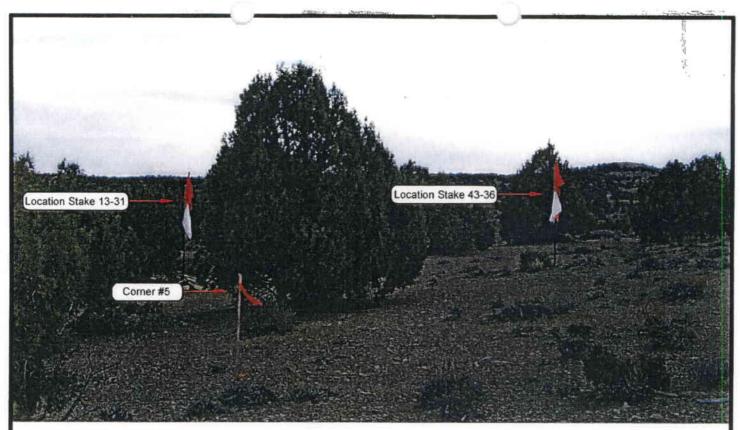


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHWESTERLY

Rock House 10-22-43-36 & SUFFACE SECTION 31, T10S, R23E, S.L.B.&M.

LOCATION	PHOTOS	DATE TAKEN: 11-07-05
LOCATION	1110105	DATE DRAWN: 11-23-05
TAKEN BY: K,R,K,	DRAWN BY: BJ.Z.	REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365

SHEET 1 OF 11

WELL PAD INTERFERENCE PLAT ROCK HOUSE 10-23-13-31 & ROCK HOUSE 10-22-43-36

BOTTOM HOLE FOOTAGES

ROCK HOUSE 10-23-13-31 1976' FSL & 655' FWL

ROCK HOUSE 10-22-43-36 1979' FSL & 662' FEL

SURFACE POSITION FOOTAGES:

ROCK HOUSE 10-23-13-31 1842' FSL & 142' FWL

ROCK HOUSE 10-22-43-36 1829' FSL & 121' FWL

BASIS OF BEARINGS IS THE WEST LINE OF SECTION 31, T10S, R23E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00'05'07"W.

BASIS OF ELEVATION IS THE TWO WATER TRIANGULATION STATION IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NE 7.5 MINUTE QUADRANGLE. THE ELEVATION OF THIS TRIANGULATION STATION IS SHOWN ON THE QUADRANGLE AS BEING 5238 FEET.

PROPOSED GRADED GROUND ELEVATION OF PAD IS 5720.0'

Bottom Hole)

797.68

N75.18'06"E _ 529.90' (To Bottom Hole)

WELL

10-23-13-31

10-22-43-36 39'54'11.37"

|10-22-43-36| 39*****54**'**12.85"

ROCK HOUSE 10-23-13-31 ROCK HOUSE 10-22-43-36

RELATIVE COORDINATES From Surface Position to Bottom Hole WELL NORTH **EAST** 10-23-13-31 134' 513 0-22-43-36 149' -784

LATITUDE & LONGITUDE Bottom Hole — (NAD 83) Autonomous					
WELL	N. LATITUDE	W. LONGITUDE			
10-23-13-31	39*54'12.83"	109*22'35.49"			

LATITUDE & LONGITUDE Surface Position - (NAD 83) Autonomous

N. LATITUDE

39'54'11.50"

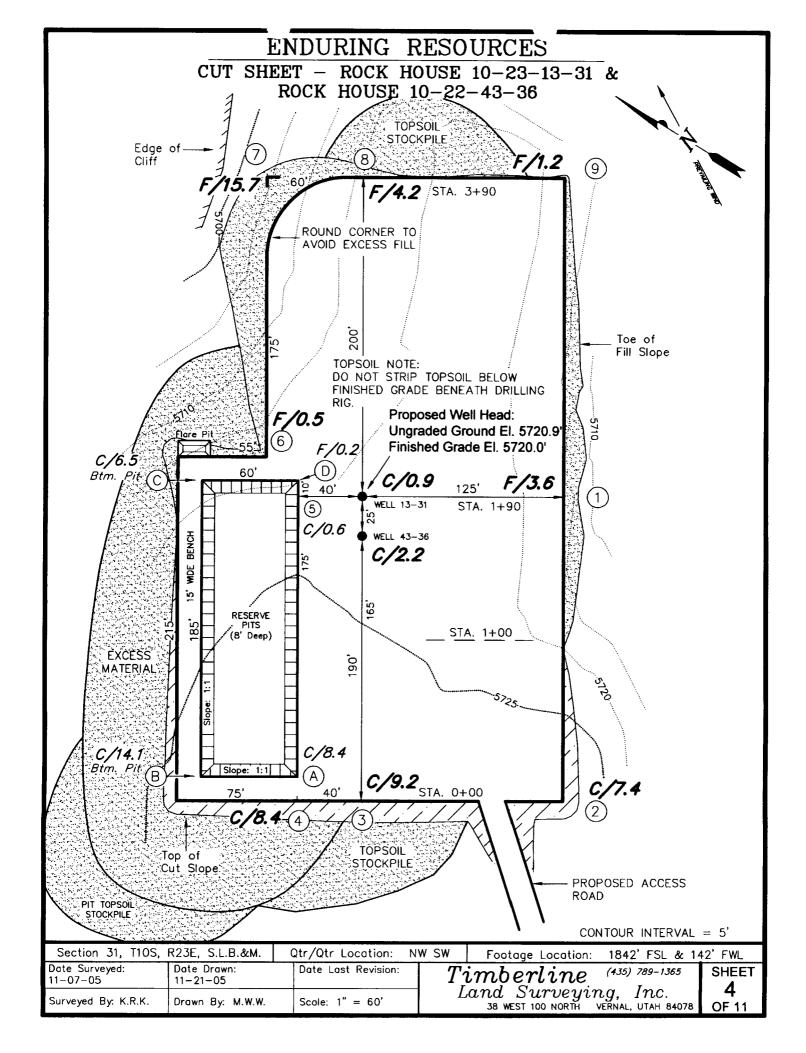
W. LONGITUDE

109'22'42.06'

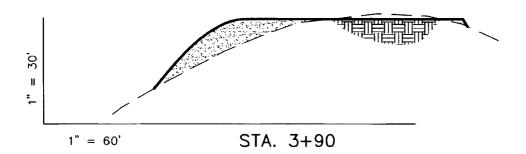
109'22'42.34"

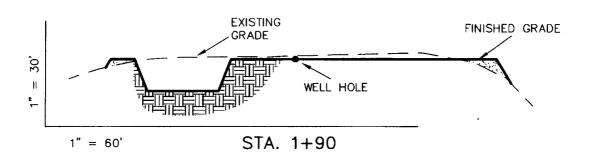
109'22'52.39"

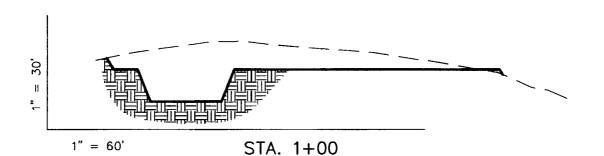
Section 31, T10S,		Qtr/Qtr Location: N	W SW	Footage Location: 1842' FSL & 1	42' FWL
Date Surveyed: 11-07-05	Date Drawn: 11-22-05	Date Last Revision:		mberline (435) 789-1365	SHEET
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	La	nd Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078	3 OF 11



CROSS SECTIONS - ROCK HOUSE 10-23-13-31 & ROCK HOUSE 10-22-43-36







UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1 30, 11 *****-

1" = 60'

STA. 0+00

Pit overburden is included in pad cut.

NOTE:

ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards) 6" TOPSOIL ITEM CUT FILL **EXCESS** 4,450 Topsoil is PAD 7,870 3,420 not included in Pad Cut PIT 2,730 2,730

1,560

6,150

4,450 Excess Material after Pit Rehabilitation = 4,780 Cu. Yds.

REFERENCE POINTS

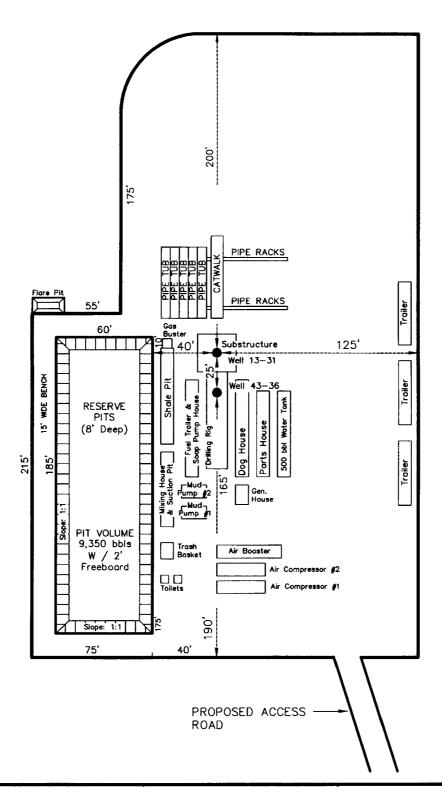
253' NORTHERLY = 5712.1' 299' NORTHERLY = 5707.6'

Section 31, T10S,	R23E, S.L.B.&M.	Qtr/Qtr Location: N	W SW Footage Location: 1842' FSL & 1	42' FWL
Date Surveyed: 11-07-05	Date Drawn: 11-21-05	Date Last Revision:	Timberline (435) 789-1365	SHEET
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078	OF 11

TOTALS

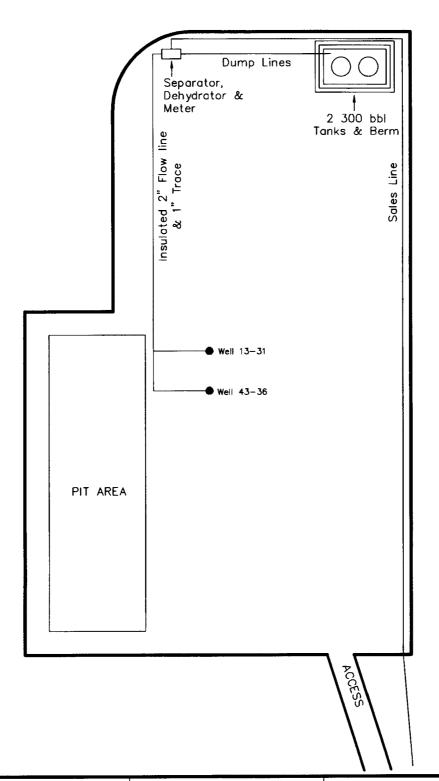
10,600

TYPICAL RIG LAYOUT - ROCK HOUSE 10-23-13-31 & ROCK HOUSE 10-22-43-36

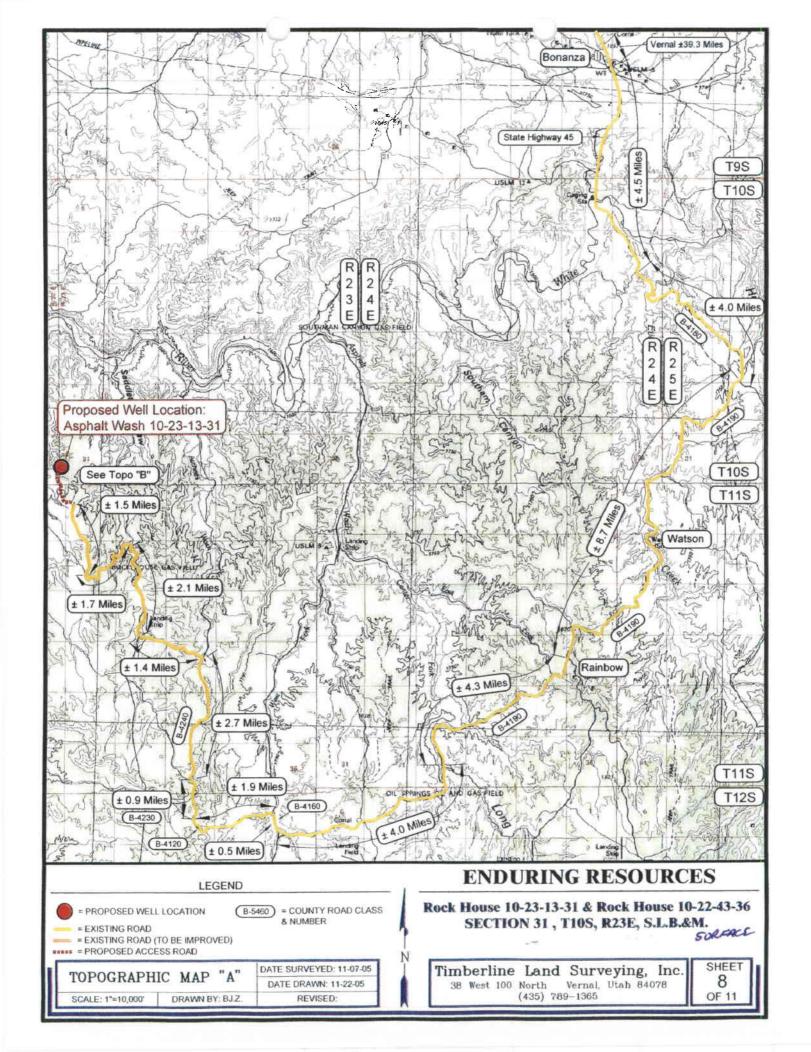


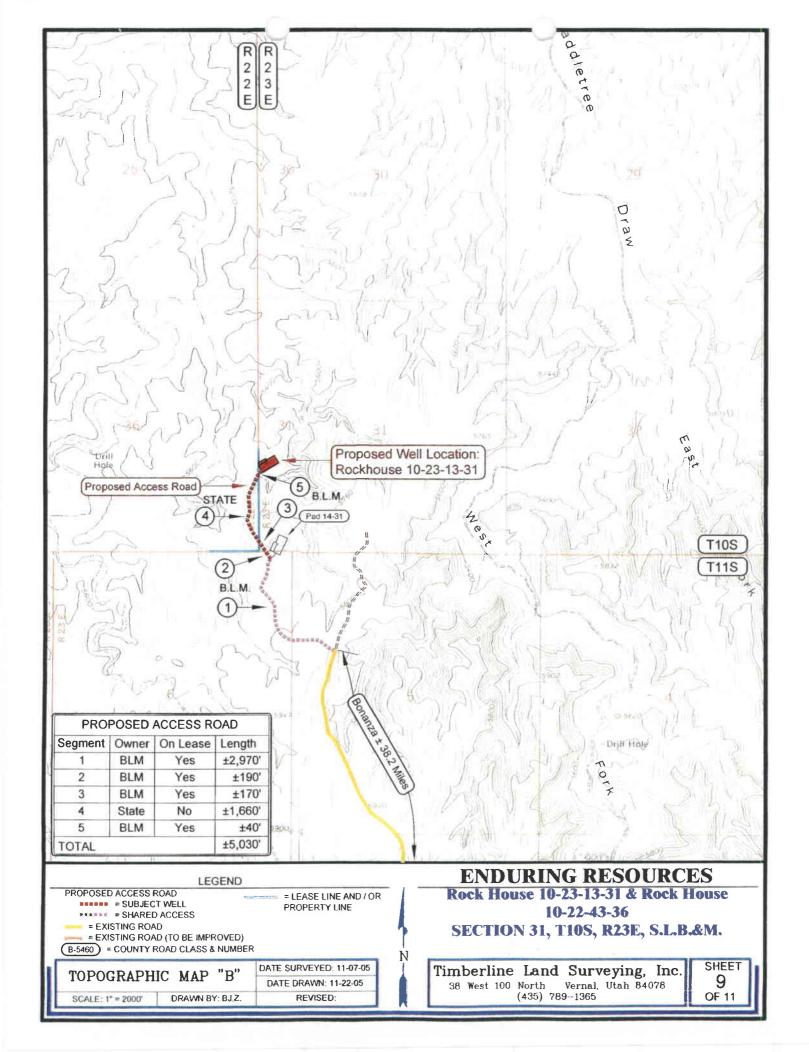
Section 31, T10S,	R23E, S.L.B.&M.	Qtr/Qtr Location: N	N SW Footage Location: 1842' FSL &	142' FWL
Date Surveyed: 11-07-05	Date Drawn: 11-21-05	Date Last Revision:	Timberline (435) 789-1365	SHEET
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 840	78 OF 11

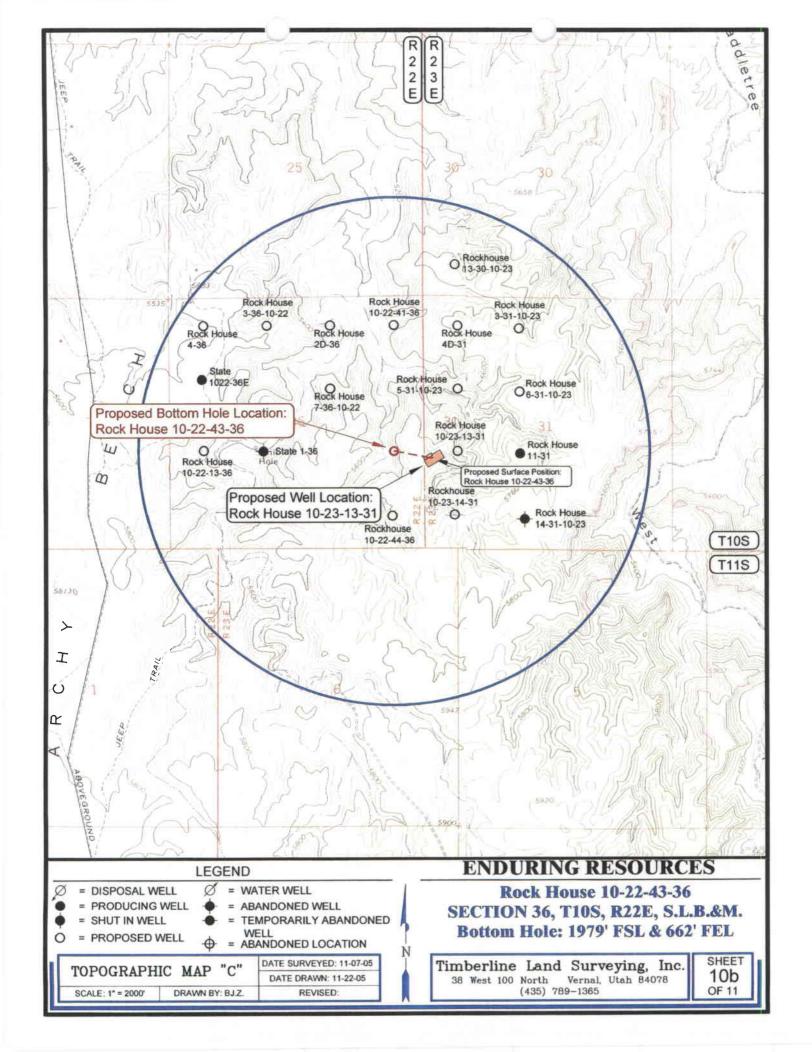
TYPICAL PRODUCTION LAYOUT - ROCK HOUSE 10-23-13-31 & ROCK HOUSE 10-22-43-36

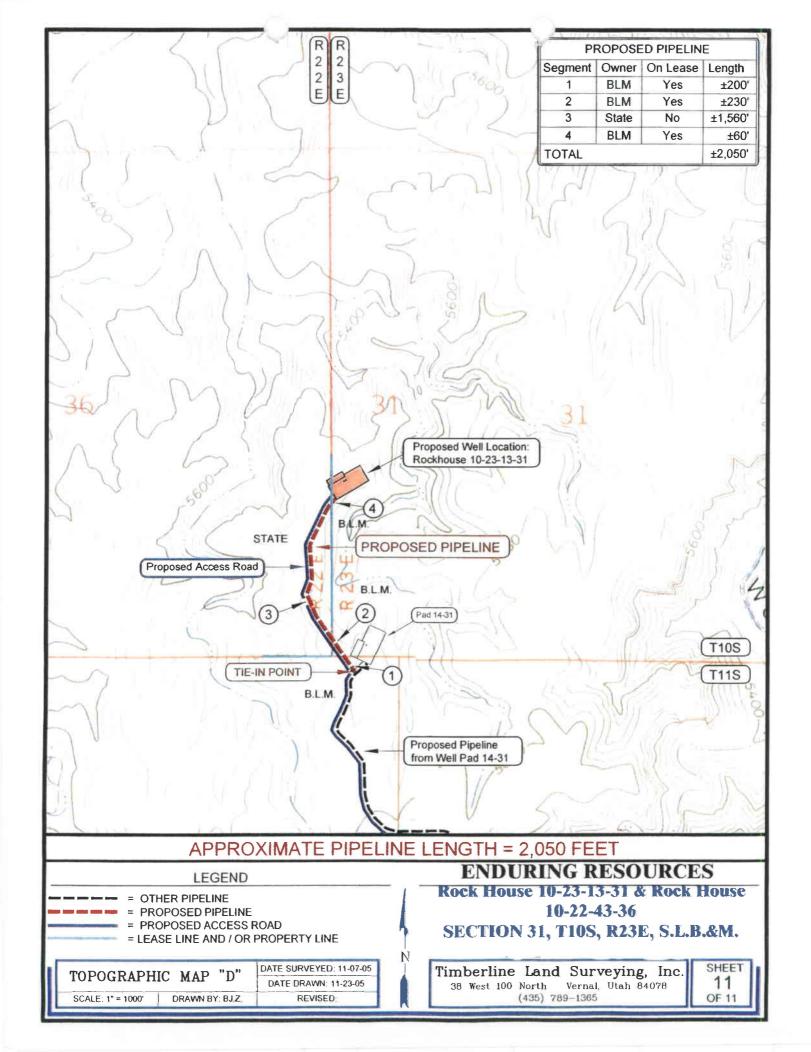


Section 31, T10S,	R23E, S.L.B.&M.	Qtr/Qtr Location: N	W SW Footage Location: 1842' FSL & 1	42' FWL
Date Surveyed: 11-07-05	Date Drawn: 11-21-05	Date Last Revision:	Timberline (435) 789-1365	SHEET 7
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	Land Surveying, Inc. 38 West 100 North Vernal, Utah 84078	OF 11



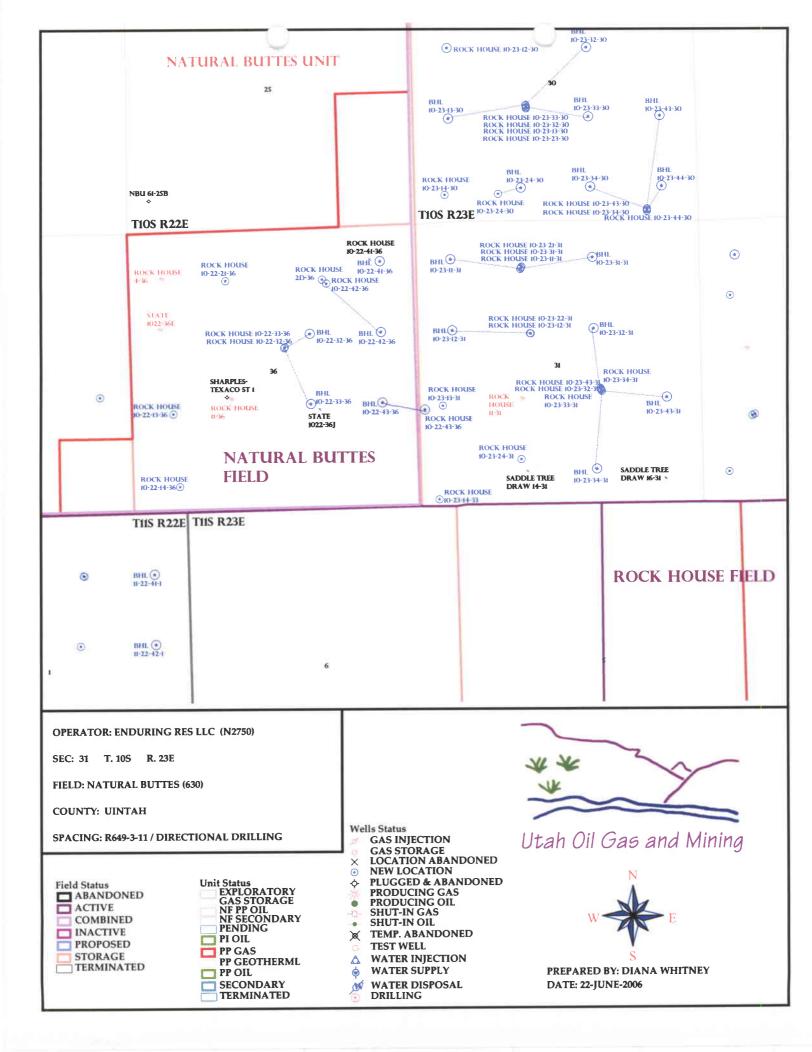






WORKSHEET APPLICATION FOR PERMIT TO DRILL

WELL NAME: ROCK HOUSE 10-22-43-36 OPERATOR: ENDURING RESOURCES, LLC (N2750) PHONE NUMBER: 303-350-5114 PROPOSED LOCATION: NWSE 31 100S 230E SURFACE: 1829 FSL 0121 FWL BOTTOM: 1979 FSL 0662 FEL Sic 3 COUNTY: UINTAH 10
PROPOSED LOCATION: NWSE 31 100S 230E SURFACE: 1829 FSL 0121 FWL BOTTOM: 1979 FSL 0662 FEL Sec 36 COUNTY: UINTAH 10 S 22 E LATITUDE: 39.90319 LONGITUDE: -109.3777 UTM SURF EASTINGS: 638684 NORTHINGS: 4418062 FIELD NAME: NATURAL BUTTES (630) LEASE TYPE: 3 - State LEASE NUMBER: ML-49959 PROPOSED FORMATION: MVRD SURFACE OWNER: 1 - Federal COALBED METHANE WELL? NO RECEIVED AND/OR REVIEWED: V Plat Bond: Fed[] Ind[] Sta[] Fee[] Unit:
NWSE 31 100S 230E SURFACE: 1829 FSL 0121 FWL BOTTOM: 1979 FSL 0662 FEL Sec 36 COUNTY: UINTAH 10 S 22 E LATITUDE: 39.90319 LONGITUDE: -109.3777 UTM SURF EASTINGS: 638684 NORTHINGS: 4418062 FIELD NAME: NATURAL BUTTES (630) LEASE TYPE: 3 - State LEASE NUMBER: ML-49959 SURFACE OWNER: 1 - Federal COALBED METHANE WELL? NO RECEIVED AND/OR REVIEWED: Plat Bond: Fed[] Ind[] Sta[] Fee[] Unit:
SURFACE: 1829 FSL 0121 FWL (BOTTOM: 1979 FSL 0662 FEL Sc 36 COUNTY: UINTAH 10 S 22 E LATITUDE: 39.90319 LONGITUDE: -109.3777 UTM SURF EASTINGS: 638684 NORTHINGS: 4418062 FIELD NAME: NATURAL BUTTES (630) LEASE TYPE: 3 - State LEASE NUMBER: ML-49959 SURFACE OWNER: 1 - Federal COALBED METHANE WELL? NO RECEIVED AND/OR REVIEWED: Plat Bond: Fed[] Ind[] Sta[] Fee[] Tech Review Initials Date Engineering S C/29/06 Geology Surface PROPOSED FORMATION: MVRD COALBED METHANE WELL? NO
COUNTY: UINTAH 10 S 22 E LATITUDE: 39.90319 LONGITUDE: -109.3777 UTM SURF EASTINGS: 638684 NORTHINGS: 4418062 FIELD NAME: NATURAL BUTTES (630) LEASE TYPE: 3 - State LEASE NUMBER: ML-49959 PROPOSED FORMATION: MVRD SURFACE OWNER: 1 - Federal COALBED METHANE WELL? NO RECEIVED AND/OR REVIEWED: Plat Bond: Fed[] Ind[] Sta[] Fee[] Unit:
LATITUDE: 39.90319 LONGITUDE: -109.3777 UTM SURF EASTINGS: 638684 NORTHINGS: 4418062 FIELD NAME: NATURAL BUTTES (630) LEASE TYPE: 3 - State LEASE NUMBER: ML-49959 PROPOSED FORMATION: MVRD SURFACE OWNER: 1 - Federal COALBED METHANE WELL? NO RECEIVED AND/OR REVIEWED: LOCATION AND SITING: Plat Bond: Fed[] Ind[] Sta[] Fee[] Unit:
UTM SURF EASTINGS: 638684 NORTHINGS: 4418062 FIELD NAME: NATURAL BUTTES (630) LEASE TYPE: 3 - State LEASE NUMBER: ML-49959 PROPOSED FORMATION: MVRD SURFACE OWNER: 1 - Federal COALBED METHANE WELL? NO RECEIVED AND/OR REVIEWED: LOCATION AND SITING: Plat Plat R649-2-3 Unit:
LEASE TYPE: 3 - State LEASE NUMBER: ML-49959 PROPOSED FORMATION: MVRD SURFACE OWNER: 1 - Federal COALBED METHANE WELL? NO RECEIVED AND/OR REVIEWED: Plat R649-2-3. Bond: Fed[] Ind[] Sta[] Fee[] Unit:
Bond: Fed[] Ind[] Sta[] Fee[] Unit:
Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 49-2215) RDCC Review (Y/N) (Date:) Fee Surf Agreement (Y/N) Intent to Commingle (Y/N) R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Directional Drill
COMMENTS:
STIPULATIONS: 1. Ecclera approved 2. Spacing Stp 3 - Surface (57 Cont Step
4- STATEMENT OF BASIS

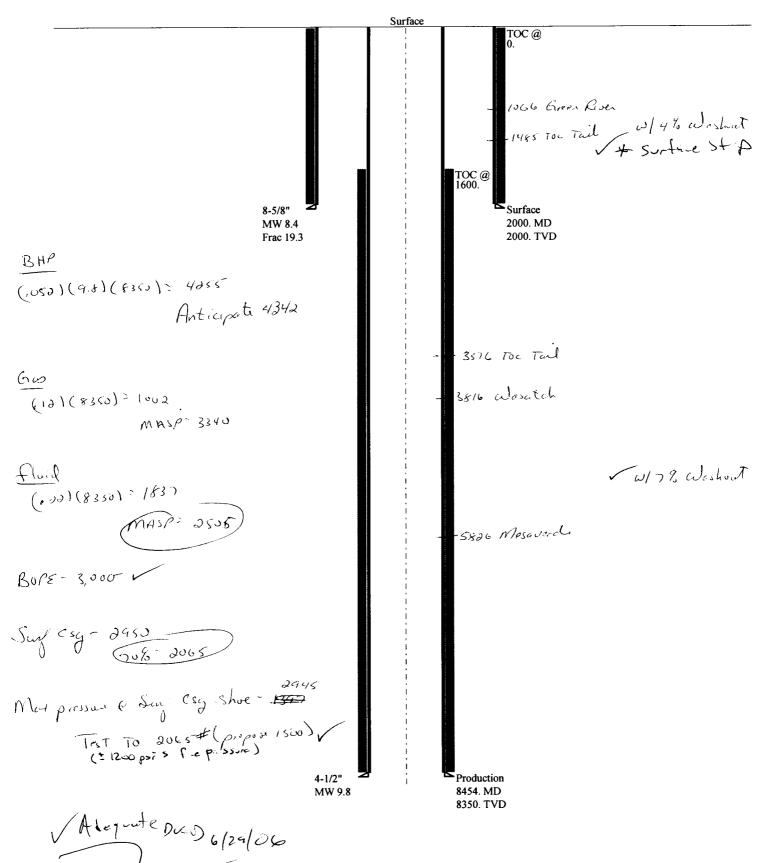


DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	ENDURING RESOURCES, LLC
WELL NAME & NUMBER:	ROCK HOUSE 10-22-43-36
API NUMBER:	43-047-38323
LOCATION: 1/4,1/4 NW/SE Se	c: <u>31</u> TWP: <u>10S</u> RNG: <u>23</u> <u>1829'</u> FSL <u>121</u> FWL
BHL LOCATION: 1/4,1/4 NE/S	<u>SE Sec: 36 TWP: 10S RNG: 22 1979' FSL 662' FEL</u>
Geology/Ground Water:	
	eet of surface casing cemented to the surface. The base of the moderately
	feet. A search of Division of Water Rights records shows no water wells
	proposed location. The surface formation at this location is the Uinta
	is made up of discontinuous sands interbedded with shales and are not
	fers. The proposed surface casing should adequately protect any potentially
useable aquifers.	
Davierrem Dr	ad Hill Date: 06-29-06
Reviewer: Di	au nii Date. 00-25-00
Surface	
Surface:	
	location are owned by the Federal Government. The operator is responsible for
The surface rights at the proposed	location are owned by the Federal Government. The operator is responsible for ghts-of-way from the BLM.
The surface rights at the proposed	
The surface rights at the proposed obtaining any needed permits or r	ghts-of-way from the BLM.
The surface rights at the proposed obtaining any needed permits or r	
The surface rights at the proposed obtaining any needed permits or r	ghts-of-way from the BLM.
The surface rights at the proposed obtaining any needed permits or r	ghts-of-way from the BLM. ad Hill Date: 06-29-06
The surface rights at the proposed obtaining any needed permits or r Reviewer:Br	ghts-of-way from the BLM. ad Hill Date: 06-29-06

5-06 Enduring Rock House 1-22-43-36

Casing Schematic



06-06 Enduring Rock House 10-22-43-36 Well name:

Enduring Resource, LLC Operator:

Surface Project ID: String type: 43-047-38323

Uintah County Location:

Minimum design factors: **Environment:** Design parameters: H2S considered? **Collapse** Collapse:

Tension:

873

75 °F Surface temperature: Design factor 1.125 Mud weight: 8.400 ppg 103 °F Bottom hole temperature: Design is based on evacuated pipe.

1.40 °F/100ft Temperature gradient:

Minimum section length: 500 ft

Burst:

Design factor 1.00 Cement top: 1ft

Burst Max anticipated surface

pressure: 633 psi 0.120 psi/ft Internal gradient:

1.80 (J) 8 Round STC: Calculated BHP 873 psi 8 Round LTC: 1.80 (J)

1.570

1.60 (J) No backup mud specified. **Buttress:** Premium: 1.50 (J)

1.50 (B) Body yield:

Tension is based on buoyed weight.

Next setting depth: Next mud weight: 9.800 ppg

42

Non-directional string.

Re subsequent strings:

Next setting BHP: Neutral point: 1,748 ft 19.250 ppg Fracture mud wt: Fracture depth:

3.38

2,000 ft Injection pressure 2,000 psi

244

No

0 ft

0 psi

5.82 J

Run Seq	Segment Length (ft) 2000	Size (in) 8.625	Nominal Weight (lbs/ft) 24.00	Grade J-55	End Finish ST&C	True Vert Depth (ft) 2000	Measured Depth (ft) 2000	Drift Diameter (in) 7.972	Internal Capacity (ft³) 96.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor

2950

Clinton Dworshak Prepared Utah Div. of Oil & Mining by:

1370

Phone: 801-538-5280 FAX: 801-359-3940

Date: June 28,2006 Salt Lake City, Utah

Remarks:

1

873

Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

06-06 Enduring Rock House 10-22-43-36 Well name:

Operator: **Enduring Resource, LLC**

String type: Production Project ID: 43-047-38323

Uintah County Location:

Design parameters: Minimum design factors: **Environment:** Collapse: H2S considered?

Collapse Mud weight: 9.800 ppg

Design factor

Design is based on evacuated pipe.

Burst: Design factor 1.00 Cement top: 1,600 ft

Surface temperature:

Temperature gradient:

Bottom hole temperature:

Minimum section length: 1,500 ft

Max anticipated surface

Burst

pressure: 1,358 psi Internal gradient: 0.346 psi/ft

Calculated BHP 4,251 psi

No backup mud specified.

Directional well information: **Tension:**

1.125

8 Round STC: 1.80 (J) Kick-off point 0 ft 8 Round LTC: 1.80 (J) Departure at shoe: 798 ft 3 °/100ft **Buttress:** 1.60 (J) Maximum dogleg: 0 ° Inclination at shoe:

Premium: 1.50 (J) Body yield: 1.50 (B)

Tension is based on buoyed weight. 7,231 ft Neutral point:

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8454	4.5	11.60	N-80	LT&C	8350	8454	3.875	196
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4251 [°]	6350	1.494	4251	``7780	1.83	` 8 3 ´	` 223 ´	2.70 J

Prepared Clinton Dworshak Utah Div. of Oil & Mining by:

Phone: 801-538-5280 FAX: 801-359-3940

Date: June 28.2006 Salt Lake City, Utah

No

75 °F

192 °F 1.40 °F/100ft

Remarks:

Collapse is based on a vertical depth of 8350 ft, a mud weight of 9.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

June 29, 2006

Enduring Resources, LLC 475 17th St., Ste. 1500 Denver, CO 80202

Re:

Rock House 10-22-43-36 Well, 1829' FSL, 121' FWL, NW SW, Sec. 31, T. 10 South, R. 23 East, Bottom Location 1979' FSL, 662' FEL, NE SE, Sec. 36, T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38323.

Sincerely, K. Michael Hebertson

Gil Hunt

Associate Director

pab Enclosures

cc:

Uintah County Assessor

SITLA

Bureau of Land Management, Vernal District Office

Operator:		Endurin	g Resources, LLC			
Well Name & Numb	umber Rock House 10-22-43-36					
API Number:		43-047-	38323			
Lease:	ML-49959					
Location:	NW SW	Sec. 31	T. 10 South	R. 23 East		
Bottom Location:	NE SE	Sec. 36_	T. 10 South	R. 22 East		

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
- 5. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

- 7. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
- 8. Surface casing shall be cemented to the surface.
- 9. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

STATE OF UTAH

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SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL OIL WELL GAS WELL OTHER OTHER 8. WELL NAME and NUMBER: Rock House 10-22-43-36 9. API NUMBER: 4304738323 10. FIED AND POOL, OR WILDCAT: Undesignated 10. FIELD AND POOL, OR WILDCAT: Undesignated COUNTY: Uintah		ISION OF OIL, GAS AND MINING	(*) * * * * * * * * * * * * * * * * * *	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49959	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL OIL WELL GAS WELL OTHER Rock House 10-22-43-36 9. API NUMBER: 4304738323 2. NAME OF OPERATOR: Enduring Resources, LLC 3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE Denver STATE Denver STATE OUNTY: Uintah	SUNDRY NO	OTICES AND REPORTS ON WEL	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL OIL WELL GAS WELL OTHER 2. NAME OF OPERATOR: Enduring Resources, LLC 3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1829' FSL - 121' FWL 8. WELL NAME and NUMBER: ROCk House 10-22-43-36 9. API NUMBER: 4304738323 10. FIELD AND POOL, OR WILDCAT: Undesignated COUNTY: Uintah	Do not use this form for proposals to drill new we	oth, reenter plugged wells, or to	1		
2. NAME OF OPERATOR: Enduring Resources, LLC 3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1829' FSL - 121' FWL 8. API NUMBER: 4304738323 PHONE NUMBER: (303) 350-5719 10. FIELD AND POOL, OR WILDCAT: Undesignated COUNTY: Uintah	4 TYPE OF WELL				
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1829' FSL - 121' FWL	2. NAME OF OPERATOR:			9. API NUMBER:	
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1829' FSL - 121' FWL			TOUGHE NUMBER		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1829' FSL - 121' FWL E COUNTY: Uintah		enver STATE CO JIE 80202			
FOOTAGES AT SURFACE: 1029 FGL - 121 T VVL		C 177, C L			
VI 20 100 005 0	FOOTAGES AT SURFACE: 1829' FSL	121' FWL		соинту: Uintah	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWS 36 10S 22E S STATE:	QTR/QTR, SECTION, TOWNSHIP, RANGE, M	MERIDIAN: NWS) 36 10S 22E S		STATE: UTAH	
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	11. CHECK APPROF	PRIATE BOXES TO INDICATE NATURE	OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION TYPE OF ACTION					
NOTICE OF INTENT ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION SIDETBACK TO BERAID WELL	[7] NOTICE OF INTENT	ACIDIZE DEEPEN		REPERFORATE CURRENT FORMATION	
NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL		ALTER CASING FRACTUR	TREAT	SIDETRACK TO REPAIR WELL	
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION TEMPORARILY ABANDON	Approximate date work will start:	CASING REPAIR NEW CON	STRUCTION	TEMPORARILY ABANDON	
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR		CHANGE TO PREVIOUS PLANS OPERATO	R CHANGE	TUBING REPAIR	
CHANGE TUBING PLUG AND ABANDON VENT OR FLARE		CHANGE TUBING PLUG AND	ABANDON	VENT OR FLARE	
SUBSEQUENT REPORT (Submit Original Form Only) CHANGE WELL NAME PLUG BACK WATER DISPOSAL WATER SHITLOFF] CHANGE WELL NAME	К	<u></u>	
CHANGE WELL STATUS PRODUCTION (STARTIRESUME) WATER SHOT-OFF		CHANGE WELL STATUS PRODUCT	ION (START/RESUME)		
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: Request for APD Extension	Date of work completion.	COMMINGLE PRODUCING FORMATIONS RECLAMA	TION OF WELL SITE		
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION EXTENSION		CONVERT WELL TYPE RECOMPL	ETE - DIFFERENT FORMATION	Extension	
Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill FROM: 6-29-2007 TO: 6-29-2008 Approved by the Utah Division of Oil, Gas and Mining Date: X0-28-07 By: DIV OF OIL, GAS & MINING	Enduring Resources, LLC FROM: 6-29-200 TO: 6-29-200	Approved by the Utah Division of Oil, Gas and Mining	expiration date of this	ECEVE	
77					
NAME (PLEASE PRINT) Evette Bissett TITLE Regulatory Affairs Assistant	NAME (PLEASE PRINT) Evette Bisset	tt тг	Regulatory Affair	rs Assistant	
SIGNATURE Letter Bresitt DATE 6/25/2007	Gusto 1	Bisutt	6/25/2007		

(This space for State use only)

Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

API: 4304738323 Well Name: Rock House 10-22-43-36 Location: 1829' FSL - 121' FWL, NWSW, Sec 36, T10S-R22E Company Permit Issued to: Enduring Resources, LLC Date Original Permit Issued: 6/29/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑No□
Signature Busself Date
Title: Regulatory Affairs Assistant
Representing: Enduring Resources, LLC

DIV. OF OIL, GAS & MINOR

STATE OF UTAH

DEPARTMENT OF NATURAL RESOUR DIVISION OF OUR CASE AND NATURAL RESOURCE DIVISION OF OUR CASE AND NATURAL RESOURCE

L.	DIVISION OF OIL, GAS AND MINING	ML-49959
SIINDDV	NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
SUNDICT	HO HOLO AND ILLI ON TO ON WELLS	n/a 7. UNIT or CA AGREEMENT NAME:
Do not use this form for proposals to drill ne drill horizontal lat	w wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to erals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	n/a
TYPE OF WELL OIL WELL	GAS WELL 🗸 OTHER	8. WELL NAME and NUMBER: Rock House 10-22-43-36
2. NAME OF OPERATOR:		9. API NUMBER:
Enduring Resources, LLC	PHONE NUMBER:	4304738323 10. FIELD AND POOL, OR WILDCAT:
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500		Undesignated
4. LOCATION OF WELL		I C
FOOTAGES AT SURFACE: 1829' F	SL - 121' FWL	county: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANG	SE, MERIDIAN: NWSW 31 10S 23E S	STATE: UTAH
11. CHECK APPR	OPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON
Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING PLANS DEPARTOR GIANGLE	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ other: Request for APD
	CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	Extension
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volum	es, etc.
BHL is SENE Sec 36, T10	S-R22E.	
Enduring Resources, I	LC respectfully request an extension to the expiration date of this	s Application for Permit to Drill
FROM: 6/28/2		
TO: 6/28/2		
	Approved by the Utah Division of	
	Oil, Gas and Mining	
	27 22 20	
	Date: Ot-Ot-Ob-	
	By: Frall H	
	113	
NAME (PLEASE PRINT) Alvin R. (A	l) Arlian TITLE Landman	
SIGNATURE	DATE 6/27/2008	
SIGNATURE		
(This space for State use only)		RECEIVED
	TO OPERATOR	11 IN 3 0 2008
-	1.4 - F / A A CO	11 IIW 7 11 /1X1A

(See Instructions on Reverse Side)

(5/2000)

initials:_



Application for Permit to Drill Request for Permit Extension Validation

Validation (this form should accompany the Sundry Notice requesting permit extension)

Well Name: Rock House 10-22-43-36 Location: 1829' FSL - 121' FWL, NWSW, Sec 31, T10S-R23E Company Permit Issued to: Enduring Resources, LLC Date Original Permit Issued: 6/29/2006
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Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
s bonding still in place, which covers this proposed well? Yes ☑No ☐
6/27/2008
Signature Date
Title: Landman
Representing: Enduring Resources, LLC RECEIVED JUN 3 0 2008

DIV. OF OIL, GAS & MINING



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 16, 2009

Enduring Resources, LLC 475 17TH Street Ste 1500 Denver, CO 80202

Re: APD Rescinded - Rock House 10-22-43-36, Sec. 31, T.10S, R. 23E

Uintah County, Utah API No. 43-047-38323

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on June 29, 2006. On June 28, 2007 and July 7, 2008, the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective July 16, 2009.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

cc: Well File

SITLA, Ed Bonner

Bureau of Land Management, Vernal

